z/OS

Distributed File Service Messages and Codes

z/OS

Distributed File Service
Messages and Codes

> **Note!**
>
> Before using this information and the product it supports, be sure to read the general information in Appendix C, "Notices" on page 285.

Contents

About this document

The purpose of this document is to provide detailed explanations and recovery actions for the messages issued by the IBM z/OS Distributed File Service (DFS/SMB/zFS) product.

z/OS Distributed File Service includes a DFS™** function that is based on the OSF DCE Distributed File Service component of z/OS and z/OS.e. The OSF DCE Distributed File Service includes distributed file system capabilities based on the OSF DCE RPC protocols and security.

The z/OS Distributed File Service also provides SMB File/Print Server, the file/print server support for workstations running Windows® 95, Windows 98, Windows NT 4.0, Windows 2000 Professional, and Windows 3.11 (Windows for Workgroups).

Who should use this document

This document is intended for operators, administrators, programmers, and help desk representatives who require explanations and recoveries for the messages issued by the Distributed File Service DFS Client, DFS Server, or the SMB File/Print Server. A knowledge of TC/PIP communications and the UNIX** operating system can help you use this guide more effectively.

If you use DFS Client or DFS Server capabilities, you should be familiar with the Distributed Computing Environment (DCE). Information about DCE is found in *z/OS: DCE Introduction*, GC24-5911. The *z/OS: Distributed File Service DFS Administration*, SC24-5915, is another important source of information.

If you plan to run the SMB File/Print Server, you should be familiar with the terminology of the workstation operating systems. The *z/OS: Distributed File Service SMB Administration*, SC24-5918, provides that information.

How this document is organized

This document has an introduction and chapters that include the messages.
- Chapter 1, "Introduction" on page 1 describes the Distributed File Service messages contained in this document.
- The remaining chapters contain the messages issued by the Distributed File Service DFS Client, DFS Server, and SMB File/Print Server.

Where to find more information

Where necessary, this document references information in other documents. For complete titles and order numbers of the documents for all products that are part of z/OS, see *z/OS: Information Roadmap*, SA22-7500.

Refer to the "Bibliography" on page 289 for a list of the publications to which this document refers and publications that contain additional information about related products.

For information about installing Distributed File Service components, refer to the *z/OS: Program Directory*, GI10-4001, and the *Server Pac: Installing Your Order* documentation.

Information about Distributed File Service configuration on the other IBM systems can be found in the configuration guide for those systems.

Softcopy publications

The z/OS Distributed File Service library is available on a CD-ROM, *z/OS Collection*, SK3T-4269. The CD-ROM online library collection is a set of unlicensed documents for z/OS and related products that includes the IBM Library Reader™. This is a program that enables you to view the BookManager® files. This CD-ROM also contains the Portable Document Format (PDF) files. You can view or print these files with the Adobe Acrobat reader.

Internet sources

The softcopy z/OS publications are also available for web-browsing and for viewing or printing PDFs using the following URL:

http://www.ibm.com/servers/eserver/zseries/zos/bkserv/

You can also provide comments about this document and any other z/OS documentation by visiting that URL. Your feedback is important in helping to provide the most accurate and high-quality information.

Using LookAt to look up message explanations

LookAt is an online facility that allows you to look up explanations for most of the z/OS, z/VM™, and VSE messages you encounter, as well as some system abends and codes. Using LookAt to find information is faster than a conventional search because in most cases LookAt goes directly to the message explanation.

You can access LookAt from the Internet at:

http://www.ibm.com/servers/eserver/zseries/zos/bkserv/lookat/lookat.html

or from anywhere in z/OS where you can access a TSO/E command line (for example, TSO/E prompt, ISPF, z/OS UNIX Systems Services running OMVS). You can also download code from (SK3T-4269) and the LookAt Web site that will allow you to access LookAt from a hand held computer (Palm VIIx suggested).

Some messages have information in more than one document. For those messages, LookAt displays a list of documents in which the message appears.

Accessing z/OS™ licensed documents on the Internet

z/OS licensed documentation in PDF format is available on the Internet at the IBM Resource Link™ site at:

http://www.ibm.com/servers/resourcelink

Licensed documents are available only to customers with a z/OS license. Access to these documents requires an IBM Resource Link user ID, password, and a key code. With your z/OS order you received a Memo to Licensees, (GI10-0671, that includes your key code.

To obtain your IBM Resource Link user ID and password, logon to:

http://www.ibm.com/servers/resourcelink

To register for access to the z/OS licensed documents:
1. Sign in to Resource Link using your Resource Link user ID and password.
2. Select **User Profiles** located on the left-hand navigation bar.

Note: You cannot access the z/OS licensed documents unless you have registered for access to them and received an e-mail confirmation informing you that your request has been processed.

Printed Licensed documents are not available from IBM.

You can use the PDF format on eaither the **z/OSLicensed Product Library CD-ROM** or IBM Resource Link to print licensed documents.

Unsupported services and commands

The following commands and services are not supported in DFS/SMB:

* The **TapeConfig** configuration file.
* The **FMSLog** log file.
* The following **bos** commands are not supported in DFS/SMB:
  - **bos getdates** command
  - **bos install** command
  - **bos prune** command
  - **bos uninstall** command.

  In addition, the **-newbinary** option is not available in DFS/SMB for any **bos** commands.
* The following **bak** commands cannot be issued against a z/OS **bakserver**. These commands may be issued from z/OS against non-z/OS **bakserver** processes:
  - **bak labeltape** command
  - **bak scantape** command
  - **bak readlabel** command.
* The **fms** command.
* The **dfsgw** gateway function is provided, see *z/OS: Distributed File Service DFS Administration*, SC24-5915 for complete details. However, the following **dfsgw** commands cannot be issued from z/OS:
  - **dfsgw add** command
  - **dfsgw apropos** command
  - **dfsgw delete** command
  - **dfsgw help** command
  - **dfsgw list** command
  - **dfsgw query** command.
* The **dfstrace** command.

Commands and services not directly supported in DFS/SMB may be run or requested from other non-z/OS DFS systems. Exceptions are noted where applicable.

Conventions used in this document

This document uses the following typographic conventions:

Bold   **Bold** words or characters represent system elements that you must enter into the system literally, such as commands, options, or path names.

Italic   *Italic* words or characters represent variable values that you must supply.

Bold Italic
    Bold italic words indicate the first use of a term defined in the glossary.

`Constant width`
    `Constant width` typeface represents examples and information that the system displays.

[ ]   Brackets enclose optional items in format and syntax descriptions.

{ }   Braces enclose a list from which you must choose an item in format and syntax descriptions.

| A vertical bar separates items in a list of choices.

< > Angle brackets enclose the name of a key on the keyboard.

... Horizontal ellipsis points indicate that you can repeat the preceding item one or more times.

This document uses the following keying conventions:

<Ctrl-*x*> or ^*x*
The notation **<Ctrl-*x*>** or ^*x* followed by the name of a key indicates a control character sequence. For example, **<Ctrl-c>** means that you hold down the control key while pressing **<c>**.

<Return>
The notation **<Return>** refers to the key on your keyboard that is labeled with the word Return or Enter, or with a left arrow.

Entering commands
When instructed to enter a command, type the command name and then press **<Return>**.

How to send your comments

Your feedback is important in helping to provide the most accurate and high-quality information. If you have any comments about this document, send your comments by using Resource Link at http://www.ibm.com/servers/resourcelink. Select Feedback on the Navigation bar on the left. Be sure to include the name of the document, the form number of the document, the version of the document, if applicable, and the specific location of the text you are commenting on (for example, a page number or table number.)

Summary of Changes

**Summary of changes
for SC24-5917-04
z/OS Version 1 Release 4**

This document contains information previosly presented in SC24-5917-03, which supports z/OS Version 1 Release 3.

New information
- Information is added to indicate this document supports z/OS.e.
- New messages and changes for DFS component.
- New messages and changes for the zFS component.
- Added new reason codes for the zFS component.

This document includes terminology, maintenance, and editorial changes. Technical changes or additions to the text are indicated by a vertical line in the left margin.

Starting with z/OS V1R2, you may notice changes in the style and structure of some content in this document— for example, headings that use uppercase for the first letter of initial words only, and procedures that have a different look and format. The changes are ongoing improvements to the consistency and retrievability of information in our documents.

**Summary of changes
for SC24-5917-03
z/OS Version 1 Release 3**

New information

This document contains information previously presented in SC24-5917-02, which supports z/OS Version 1 Release 2.
- New messages for DFS component.
- New messages for the zFS component.
- Added new reason codes for the zFS component.
- An Appendix with z/OS product accessibility information has been added

This document contains terminology, maintenance, and editorial changes, including changes to improve consistency and retrievability.

**Summary of changes
for SC24-5917-02
z/OS Version 1 Release 2
Updated December 2001 (web only)**

This document contains information previously presented in SC24-5917-02, which supports z/OS Version 1 Release 2.

New information
- Added new messages for the zFS component.
- Added new reason codes for the zFS component in Chapter 17, "IOEZnnnnnt Messages - zFS Messages" on page 223.

ix

This document contains terminology, maintenance, and editorial changes, including changes to improve consistency and retrievability.

Summary of changes
for SC24-5917-02
z/OS Version 1 Release 2
Updated December 2001

This document contains information previously presented in SC24-5917-01, which supports z/OS Version 1 Release 2.

New information
- Added Chapter 17, "IOEZnnnnnt Messages - zFS Messages" on page 223 with new messages for the zFS component.
- Added new reason codes for the zFS component.

This document contains terminology, maintenance, and editorial changes, including changes to improve consistency and retrievability.

Summary of changes
for SC24-5917-01
z/OS Version 1 Release 2

This document contains information previously presented in SC24-5917-00, which supports z/OS Version 1 Release 1.

New information
- New messages for the Cache Manager and **cm** commands.
- New messages for the general DFS errors.
- New messages for the SMB File/Print Server.

This document contains terminology, maintenance, and editorial changes, including changes to improve consistency and retrievability.

Chapter 1. Introduction

This chapter provides detailed explanations and recovery actions to supplement the messages issued by Distributed File Service (DFS/SMB/zFS).

Environmental variables (envars) that can be used to control Distributed File Service (DFS/SMB) are documented in both *z/OS: Distributed File Service DFS Administration*, SC24-5915 and *z/OS: Distributed File Service SMB Administration*, SC24-5918. Processing options that can be used to control zSeries File System (zFS) are documented in *z/OS: Distributed File Service zSeries File System Administration*, SC24-5989.

Understanding DFS and SMB messages

There are three types of messages: error, warning, and informational. They appear in alphanumeric order in the following chapters. Most messages are identified by a unique message number that is specified in the format IOEsnnnnnt; for example, **IOEM02051A**. This format is described in the following list:

IOE   The first part of the message number is a three-character prefix that represents the technology that issues the message. All messages in this document are issued by the DFS technology, which is represented by the prefix IOE. As a result, all DFS message numbers begin with the IOE prefix.

s   The second part of the message number is a single character that represents the specific component or subcomponent that issues the message. The character associated with each component or subcomponent is identified below.

      B   Basic OverSeer Server (boserver) and **bos** commands

      C   DFS Client (Cache Manager) and **cm** commands

      D   DFS Configuration Program (dfsconf)

      F   Fileset Server (ftserver) and **fts** commands

      H   Backup Server (bakserver) and **bak** commands

      J   Ubik Servers and **udebug** commands

      L   Fileset Location Server (flserver)

      M   **mapid** command

      N   General DFS

      O   General DFS internal errors

      P   DFS Kernel (dfskern) and General DFS error

      S   **scout** command and token manager

      U   Update Server (upserver) and Update Client (upclient)

      W   SMB File/Print Server

      X   File Exporter (dfsexport)

      Z   zFS

nnnnn
    The third part of the message number is a five-character decimal number that differentiates the message number from other message numbers issued by the same component or subcomponent.

t   The last part of the message number is a single-character operator code that represents the type of recovery action that the operator must take in response to the message. The recovery actions are represented by the following characters:

A   Indicates that the operator must take immediate action, for example, recovering from a system failure.

E   Indicates that the operator must take eventual action, for example, loading paper in a printer.

I   Indicates that the message is informational and no action is required, for example, when a command completes successfully.

These operator codes are associated with the different levels of severity described in "Severity levels".

What is first-level message text?

The message number and the message text which immediately follows the message number together comprise the first-level text. This is the message information that is returned to the operator console or user display.

What is second-level message text?

The explanation and responses which supplement the message number and message text comprise the second-level text.

Severity levels

Each message contains a severity field that indicates the level of severity associated with the message. These severity levels are described in the following list:

svc_c_sev_fatal
Indicates a non-recoverable error that probably requires manual intervention. Usually, permanent loss or damage has occurred that results in the program terminating immediately, such as database corruption. Messages of this severity have an operator code of **A**.

svc_c_svc_error
Indicates that an unexpected event has occurred that does not terminate the program and which can be corrected by human intervention. The program continues although certain functions or services may remain unavailable. Examples include performance degradation that results in a loss of function, such as a timeout, or a specific request or action that cannot be completed, such as trying to add an object to a directory system when the object already exists. Messages of this severity have an operator code of **A** or **E**.

svc_s_sev_user
Indicates that a usage error on a public API has occurred, such as a syntax error. Messages of this severity have an operator code of **A** or **E**.

svc_c_sev_warning
Indicates one of the following:

- An error occurred that was automatically corrected by the program or system. An example of an error corrected by a program is when a configuration file is not found during configuration and a message is issued warning the user that certain internal defaults were used.

- A condition has been detected which may be an error depending on whether the effects of the condition are acceptable. For example, a directory is deleted and a warning message is issued that all files contained in the directory will also be deleted.

- A condition exists that if left uncorrected will eventually result in an error. For example, a user receives a message while logging into DCE that warns that the user's password has expired and must be changed.

Messages of this severity have an operator code of **E** or **I**.

svc_c_sev_notice

> Indicates major events, such as the start of a server, completion of server initialization, or an offline server. Messages of this severity have an operator code of **E** or **I**.

svc_sev_notice_verbose

> Indicates events of special interest, such as statistical information, key data values, use of default settings, and version information. However, it does not indicate program flow or normal events. Messages of this severity have an operator code of **I**.

Displaying text for messages and status codes using dce_err

The program, **dce_err**, found in the `/opt/dfsglobal/bin/` directory, displays message and status code text when you enter the program name and either the decimal or hexadecimal number of the message or status code. For example, to display the text of the hex number `0x2785C008`, at the prompt enter:

```
/opt/dfsglobal/bin/dce_err 0x2785C008
```

the response will be:

```
/opt/dfsglobal/bin/dce_err 0x2785C008: Token requested was in conflict with another
    (non-revocable) token (dfs / tkm)
```

The **dce_err** program cannot display substitutions in messages and will display the variable as shown in the following example.

```
/opt/dfsglobal/bin/dce_err 0x23434053
```

the response will be:

```
/opt/dfsglobal/bin/dce_err 0x23434053: IOEN00208A Rfstab entry "%1$s" on
    line %2$d is ignored by DFS (dfs / ioe)
```

When this message is issued during execution, the variable *%1$s* is replaced by a string value indicating the entry and the variable *%2$d* is replaced by a decimal value indicating the location of the entry.

Notes:

1. The actual message text associated with a hex number may vary from what is shown in the previous examples.
2. The program **dce_err** can be used for SMB File/Print messages.
3. The program **dce_err** can **not** be used for zFS messages

Chapter 2. IOEBnnnnnt Messages - Basic OverSeer Server (boserver) and bos Commands

This chapter contains the messages that may result from the Basic OverSeer Server (boserver) processing and issuing **bos** commands.

IOEB03001E *routineName*: **error unlocking global mutex:** *errno*.

Severity: svc_c_sev_error

Explanation: The bosserver program was unsuccessful in unlocking the global mutex. The error is noted and the server is shutdown.

System Action: The program continues.

Administrator Response: Ignore, shutdown occurring.

IOEB03002E *programName*: **unable to install interface description:** *ErrTxt*.

Severity: svc_c_sev_error

Explanation: The bosserver was unable to install the interface that needs to be registered by the server.

System Action: The program ends.

Administrator Response: Verify that the interface descriptions are correct. Use the error text described by ErrTxt for additional information.

IOEB03003E *programName*: **unable to register dfs server:** *ErrTxt*.

Severity: svc_c_sev_error

Explanation: The bosserver was unable to be registered as a DFS server.

System Action: The program ends.

Administrator Response: RPC registering of the DFS server has failed. Notify the DCE administrator.

IOEB03004E *programName*: **unable to create a nil UUID:** *ErrTxt*.

Severity: svc_c_sev_error

Explanation: The bosserver program cannot create a nil uuid used to obtain the binding handle. This message indicates that the DCE **uuid_create_nil** function has failed.

System Action: The program ends.

Administrator Response: Additional information about the **uuid_create_nil** function is found in the *z/OS: DCE Application Development Reference*, SC24-5908. Contact the service representative.

IOEB03006E *programName*: **error unregistering self:** *ErrTxt*.

Severity: svc_c_sev_error

Explanation: The server specified is unable to be unregistered as a DFS server.

System Action: The program ends.

Administrator Response: RPC unregistering of the DFS server has failed. Notify the DCE administrator.

IOEB03007E *programName*: **no longer listening to network:** *ErrTxt*.

Severity: svc_c_sev_error

Explanation: The bosserver program may no longer be active.

System Action: The program ends.

Administrator Response: Use the ErrTxt for additional information. If the server cannot be restarted, contact the service representative.

IOEB03009E *thrNameP*: **error exiting, releasing global mutex; errno =** *errno*.

Severity: svc_c_sev_error

Explanation: The bosserver program was unsuccessful in releasing the global mutex. The error is noted.

System Action: The program continues.

IOEB03010E *programName*: *routineName*: **cannot get dfs-server principal name:** *error_message*.

Severity: svc_c_sev_error

Explanation: The bosserver program is unable to find the principal name for the dfs-server.

System Action: The program ends.

Administrator Response: Refer to the administrator lists to verify that the principal name is valid.

IOEB03011E *programName***:** *routineName***: cannot allocate memory for dfs-server principal name.**

Severity: svc_c_sev_error

Explanation: A malloc is unable to assign storage for the principal name.

System Action: The program ends.

Administrator Response: Run the program again specifying a larger virtual storage size.

IOEB03013E *programName***:** *routineName***: unknown owner for** *adir***.**

Severity: svc_c_sev_error

Explanation: The owner of the directory is not recognized.

System Action: The program ends.

Administrator Response: Verify the directory and its owner and run the program again.

IOEB03015E *programName***: error trying to produce file pointer from file descriptor for BosConfig file; errno =** *errno***.**

Severity: svc_c_sev_error

Explanation: The bosserver program is unable to produce a file pointer using the file descriptor for the BosConfig file.

System Action: The program ends.

Administrator Response: Verify that the BosConfig file is not corrupted. If not, contact the service representative.

IOEB03016E *programName***: error trying to open BosConfig file.**

Severity: svc_c_sev_error

Explanation: The bosserver program is unable to open the BosConfig file.

System Action: The program ends.

Administrator Response: Verify that the BosConfig file is not corrupted. If not, contact the service representative.

IOEB03017E Possible corruption in BosConfig: no end record.

Severity: svc_c_sev_error

Explanation: An end of file record must exist in the BosConfig file but one was not found.

System Action: The program continues.

Administrator Response: Verify that the BosConfig

file is not corrupted. If not, contact the service representative.

IOEB03018E Checksum in BosConfig end record (cksum**) does not match checksum for file (**cksumFromFile**).**

Severity: svc_c_sev_error

Explanation: The checksums in the BosConfig file do not match indicating that the file may have been edited.

System Action: The program continues with unpredictable results.

Administrator Response: Verify that the BosConfig file has not been edited. If not, contact the service representative.

IOEB03023E *programName***: error creating mutex attribute during initialization; errno =** *errno***.**

Severity: svc_c_sev_error

Explanation: The creation of the global bosserver mutex failed.

System Action: The program ends.

Administrator Response: Contact the service representative.

IOEB03024E *programName***: error creating thread attribute during initialization; errno =** *errno***.**

Severity: svc_c_sev_error

Explanation: The creating and initializing of the attribute values needed by the threads failed.

System Action: The program ends.

Administrator Response: Contact the service representative.

IOEB03025E *programName***: error setting stack size to** *stack_size* **in thread attribute during initialization; errno =** *errno***.**

Severity: svc_c_sev_error

Explanation: The stack size cannot be set for the thread attribute.

System Action: The program ends

Administrator Response: Run the program again with a larger virtual storage size.

IOEB03026E *programName*: **error initializing bosserver global mutex; errno =** *errno***.**

Severity: svc_c_sev_error

Explanation: The initialization of the global bosserver mutex failed.

System Action: The program ends.

Administrator Response: Contact the service representative.

IOEB03027E *programName*: **error initializing new restart time condition variable; errno =** *errno***.**

Severity: svc_c_sev_error

Explanation: Initialization of the condition variables the threads use for communication with RPC threads failed.

System Action: The program ends.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEB03028E *programName*: **error initializing bnode timeout change condition variable; errno =** *errno***.**

Severity: svc_c_sev_error

Explanation: Initialization of bnode timeout change condition variable for the RPC threads failed.

System Action: The program ends.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEB03029E *programName*: **error initializing timeout thread ready condition variable; errno =** *errno***.**

Severity: svc_c_sev_error

Explanation: Initialization of the timeout thread ready condition variable for the RPC threads failed.

System Action: The program ends.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEB03030E *programName*: **error initializing child watch thread ready condition variable; errno =** *errno***.**

Severity: svc_c_sev_error

Explanation: Initialization of the child watch thread ready condition variable for the RPC threads failed.

System Action: The program ends.

Administrator Response: Contact the service

representative or notify the DCE administrator.

IOEB03031E *programName*: **error locking bosserver global mutex during initialization; errno =** *errno***.**

Severity: svc_c_sev_error

Explanation: The locking of the bosserver global mutex during initialization failed.

System Action: The program ends.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEB03032E *programName*: **error initializing sleeping package; errno =** *condCode***.**

Severity: svc_c_sev_error

Explanation: The initializing of the bosserver sleeping package failed.

System Action: The program ends.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEB03033E *programName*: **error creating SIGCHLD watch thread; errno =** *errno***.**

Severity: svc_c_sev_error

Explanation: Creating SIGCHLD watch thread for the RPC threads failed.

System Action: The program ends.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEB03034E *programName*: **error creating rebossvr watch thread; errno =** *errno***.**

Severity: svc_c_sev_error

Explanation: Creating a rebossvr watch thread for the RPC thread failed.

System Action: The program ends.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEB03035E *programName*: **error creating bnode timeout watch thread; errno =** *errno***.**

Severity: svc_c_sev_error

Explanation: Creating a bnode timeout watch thread for the RPC threads failed.

System Action: The program ends.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEB03036E *programName*: **error creating dfs-server key management thread; errno =** *errno*.

Severity: svc_c_sev_error

Explanation: Creating a dfs-server key management thread failed.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEB03037E *programName*: **error deleting mutex attribute during initialization; errno =** *errno*.

Severity: svc_c_sev_error

Explanation: The attempt to delete a mutex attribute during initialization failed.

System Action: The program ends.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEB03038E *programName*: **error deleting thread attribute during initialization; errno =** *errno*.

Severity: svc_c_sev_error

Explanation: The attempt to delete a thread attribute during initialization for the RPC threads failed.

System Action: The program ends.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEB03039E *programName*: **error waiting for reBossvr thread condition signal.**

Severity: svc_c_sev_error

Explanation: An error occurred while waiting for the reBossvr thread condition signal for the RPC threads.

System Action: The program ends.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEB03040E *programName*: **error waiting for timeout thread condition signal.**

Severity: svc_c_sev_error

Explanation: An error occurred while waiting for a timeout thread condition signal for the RPC threads.

System Action: The program ends.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEB03041E *programName*: **error waiting for child watch thread condition signal.**

Severity: svc_c_sev_error

Explanation: An error occurred while waiting for a child watch thread condition signal for the RPC threads.

System Action: The program ends.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEB03042E *programName*: **error killing SIGCHLD watch thread; errno =** *errno*.

Severity: svc_c_sev_error

Explanation: Killing SIGCHLD watch thread for the RPC threads failed.

System Action: The program continues. Threads will be cleaned up at shutdown.

IOEB03043E *programName*: **error killing reBossvr watch thread; errno =** *errno*.

Severity: svc_c_sev_error

Explanation: Killing reBossvr watch thread for the RPC threads failed.

System Action: The program continues. Threads will be cleaned up at shutdown.

IOEB03044E *programName*: **error killing bnode timeout watch thread; errno =** *errno*.

Severity: svc_c_sev_error

Explanation: Killing bnode timeout watch thread for the RPC threads failed.

System Action: The program continues. Threads will be cleaned up at shutdown.

IOEB03045E *programName*: **error ending new restart condition variable; errno =** *errno*.

Severity: svc_c_sev_error

Explanation: The attempt to delete the new restart condition variables the threads use for communication with RPC threads failed.

System Action: The program continues. Threads will be cleaned up at shutdown.

IOEB03046E *programName*: **error ending bnode timeout condition variable; errno =** *errno*.

Severity: svc_c_sev_error

Explanation: The attempt to delete the bnode timeout

condition variables the threads use for communication with RPC threads failed.

System Action: The program continues. Threads will be cleaned up at shutdown.

IOEB03047E *programName*: **error ending rebossvr thread ready condition variable; errno = ***errno***.**

Severity: svc_c_sev_error

Explanation: The attempt to delete the rebossvr thread ready condition variables used for communication with RPC threads failed.

System Action: The program continues. Threads will be cleaned up at shutdown.

IOEB03048E *programName*: **error stopping timeout thread ready condition variable; errno = ***errno***.**

Severity: svc_c_sev_error

Explanation: The attempt to delete the timeout thread ready condition variables used for communication with RPC threads failed.

System Action: The program continues. Threads will be cleaned up at shutdown.

IOEB03049E *programName*: **error stopping child watch thread ready timeout condition variable; errno = ***errno***.**

Severity: svc_c_sev_error

Explanation: The attempt to delete the child watch thread ready timeout condition variables used for communication with RPC threads failed.

System Action: The program continues. Threads will be cleaned up at shutdown.

IOEB03050E *programName*: **error unlocking global mutex; errno = ***errno***.**

Severity: svc_c_sev_error

Explanation: The global mutex cannot be unlocked.

System Action: The program continues. The locks will be released at shutdown.

IOEB03051E *programName*: **error removing global mutex; errno = ***errno***.**

Severity: svc_c_sev_error

Explanation: The global mutex cannot be removed.

System Action: The program continues. The locks will be released at shutdown.

IOEB03061E **Cannot create child-parent pipe, errno = ***errno***.**

Severity: svc_c_sev_error

Explanation: Unable to create child-parent pipe; parent does not exist.

System Action: The program ends.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEB03062E **bosserver did not start; check log file.**

Severity: svc_c_sev_error

Explanation: The bosserver was unable to start; child failed

System Action: The program ends.

Administrator Response: Refer to the log file to determine why the bosserver is not starting.

IOEB03063E *programName*: **Cannot fork: result: ***forkPid***, errno: ***errno***.**

Severity: svc_c_sev_error

Explanation: The program did not fork and the child cannot be entered. Contact the service representative.

System Action: The program ends.

IOEB03064E *programName*: **setsid error in child: errno: ***errno***.**

Severity: svc_c_sev_error

Explanation: An error occurred in the child during the **setsid** routine.

System Action: The program continues.

Administrator Response: Contact the service representative.

IOEB03066E *programName*: **error unregistering self: ***ErrTxt***.**

Severity: svc_c_sev_error

Explanation: An error occurred while unregistering the server.

System Action: The program continues; shutting down.

IOEB03067E *programName*: **must be run as ***rootname***.**

Severity: svc_c_sev_error

Explanation: The program must be run from the ROOT ID.

System Action: The program ends.

Administrator Response: Change the location running the program to ROOT and enter the request again.

IOEB03068E *programName*: **cannot initialize bnode package, bnodeCode** *bnodeCode*.

Severity: svc_c_sev_error

Explanation: An error occurred while trying to initialize the bnode package.

System Action: The program ends.

Administrator Response: Note the bnodeCode and contact the service representative.

IOEB03069E *programName*: **unable to setup or verify correct directory structure.**

Severity: svc_c_sev_error

Explanation: An error occurred when program tried to create or verify the directory structure.

System Action: The program ends.

Administrator Response: Contact the service representative.

IOEB03070E *programName*: **error setting noauth status:** *rtnVal*.

Severity: svc_c_sev_error

Explanation: An error occurred when the program tried to set noauth before running the initial authentication.

System Action: The program ends.

Administrator Response: Contact the service representative.

IOEB03071E *programName*: **error initializing authentication subsystem:** *ErrTxt*.**n**

Severity: svc_c_sev_error

Explanation: An error occurred when the program tried to initialize the authentication subsystem.

System Action: The program ends.

Administrator Response: Contact the service representative.

IOEB03072E *programName*: **error shutting down duplicate server:** *ErrTxt*.**n**

Severity: svc_c_sev_error

Explanation: An error occurred while shutting down a duplicate server.

System Action: The program ends.

Administrator Response: Contact the service representative.

IOEB03073E *programName*: **cannot initialize log file (***logfile***).**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to initialize the bosserverlog file.

System Action: The program ends.

Administrator Response: Contact the service representative.

IOEB03074E *programName*: **cannot export ICL RPC interface, code=***code*.

Severity: svc_c_sev_error

Explanation: The program is unable to export the InCore Logging tract interface to RPC.

System Action: The program continues without ICL tracing.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEB03075E *programName*: **cannot start ICL signal catcher, errno=***code*.

Severity: svc_c_sev_error

Explanation: The program is unable to start the InCore Logging signal catcher.

System Action: The program continues without ICL tracing.

Administrator Response: Contact the service representative.

IOEB03076E *programName*: **unable to initialize ICL tracing, code=***code*.

Severity: svc_c_sev_error

Explanation: The program is unable to initialize the InCore Logging tracing.

System Action: The program continues without ICL tracing.

Administrator Response: Contact the service representative.

IOEB03077E *programName*: **error signalling rebossvr watch thread to read its variables; errno =** *errno*.

Severity: svc_c_sev_error

Explanation: An error occurred while signalling the

---

rebossvr watch thread to read the variables used to communicate with RPC threads.

System Action: The program ends.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEB03078E *programName*: **error unlocking global mutex to allow other threads to start; errno =** *errno*.

Severity: svc_c_sev_error

Explanation: An error occurred while unlocking the global mutex. The threads cannot run.

System Action: The program ends.

Administrator Response: Contact the service representative.

IOEB03082E *ThisProgram*: **Error return (***errno***) from dfsparms.**

Severity: svc_c_sev_error

Explanation: The program was unable to read the parameters file.

System Action: The program ends.

Administrator Response: Contact the service representative.

IOEB03083E **Received rc=***errno* **from dfs_svc_setup_stop_handler().**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to register a routine that runs when a termination signal is received.

System Action: The program continues.

IOEB03084E **Received rc=***errno* **from dfs_svc_setup_console_thread().**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to start a thread to manage console communications for a DFS process.

System Action: The program ends.

Administrator Response: Contact the service representative.

IOEB03085E **Cron bnode** *bnodeName* **is unable to start (code** *errno***).**

Severity: svc_c_sev_error

Explanation: The bosserver program cannot start the cron bnode.

System Action: The program ends.

Administrator Response: Verify that the bnode exists. If it does, contact the service representative.

IOEB03086E **Cron unable to start bnode** *bnodeName* **(code** *errno***).**

Severity: svc_c_sev_error

Explanation: The cron process is unable to start a bnode.

System Action: The program ends.

Administrator Response: Verify that the bnode exists. If it does, contact the service representative.

IOEB03087E **Cron job** *bnodeName* **exited due to signal** *lastSignal***.**

Severity: svc_c_sev_error

Explanation: The cron job ended due to the signal specified in the bnode_proc structure.

System Action: The program continues but cron exits.

IOEB03088E **Cron job** *bnodeName* **exited with non-zero code** *lastExit***.**

Severity: svc_c_sev_error

Explanation: The cron job ended with a non_zero code specified in the bnode_proc structure.

System Action: The program continues but cron exits.

IOEB03090E **User** *ownerName* **is not found in password file.**

Severity: svc_c_sev_error

Explanation: The specified user does not exist in the password file.

System Action: The program continues.

Administrator Response: Add the user to the password file, then run the program again.

IOEB03092E **Server directory access is not available.**

Severity: svc_c_sev_error

Explanation: Access to this directory is not available.

System Action: The program continues without accessing this directory.

IOEB03101E *routineName*: **error signalling bnode**
timeout change in bnode creation;
errno = *errno*.

Severity: svc_c_sev_error

Explanation: The program was unable to signal the bnode timeout thread that a timeout is required.

System Action: The program continues without signalling bnode timeout.

Administrator Response: Contact the service representative.

IOEB03102E *routineName*: **error signalling bnode**
timeout change in setting timeout;
errno = *errno*.

Severity: svc_c_sev_error

Explanation: The call to a function to set or clear periodic bnode wakeup times was unsuccessful.

System Action: The program continues without setting or clearing periodic bnode wakeup times.

Administrator Response: Contact the service representative.

IOEB03110E BNODE '*bnodeName*' **is unable to start,**
executable may be missing.

Severity: svc_c_sev_error

Explanation: Repeated attempts were made to start the bnode, but all were unsuccessful.

System Action: The program continues even though the bnode did not start.

Administrator Response: Verify the executable exists. If it does, contact the service representative.

IOEB03111E Error return from pthread_mutex_lock
(file**:** line**), errno =** *errno*.

Severity: svc_c_sev_error

Explanation: An error occurred while trying to obtain a mutex lock. Either the specified value is incorrect or a deadlock condition was detected.

System Action: The program ends. The calling thread is terminated.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEB03112E Error return from pthread_cond_signal
(file:emv.**:** line**), errno =** *errno*.

Severity: svc_c_sev_error

Explanation: An error occurred while trying to wake a thread because the specified value was incorrect.

System Action: The program ends. The calling thread is terminated.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEB03113E Error return from
pthread_mutex_unlock (file**:** line**), errno**
= *errno*.

Severity: svc_c_sev_error

Explanation: An error occurred while trying to unlock a mutex because the specified value was incorrect.

System Action: The program ends. The calling thread is terminated.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEB03117E Error return from
pthread_cond_timedwait (file**:** line**),**
errno = *errno*.

Severity: svc_c_sev_error

Explanation: An error occurred while calling the routine that causes a thread to wait until a condition variable is signaled. Either the value specified by one of the parmeters is incorrect, the time specified in the call has expired or a deadlock condition was detected.

System Action: The program ends. The calling thread is terminated.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEB03118E Processing return from timed condition
wait; wait did not time-out.

Severity: svc_c_sev_error

Explanation: The timed condition wait ended for a reason other than a time-out.

System Action: The program ends. The calling thread is terminated.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEB03119E processing return from timed condition
wait; wait did time-out.

Severity: svc_c_sev_error

Explanation: A time-out ended the timed condition wait.

System Action: The program ends. The calling thread is terminated.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEB03120E Error return from pthread_cond_wait (*file*, *line*), **errno =** *errno*.

Severity: svc_c_sev_error

Explanation: An error occurred when calling the routine that causes a thread to wait until a condition variable is signaled. Either the value specified by one of the parmeters is incorrect, the time specified in the call has expired or a deadlock condition exists.

System Action: The program ends. The calling thread is terminated.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEB03121E *routineName*: **error shutting down server:** *error_status*.

Severity: svc_c_sev_error

Explanation: An error was encountered during shutdown. It was logged and the shutdown continues.

System Action: The program continues with the shutdown.

IOEB03123E *routineName*: **error locking global mutex; errno =** *errno*.

Severity: svc_c_sev_error

Explanation: An error occurred while obtaining a mutex lock. Either the value specified was incorrect or a deadlock condition exists.

System Action: The program ends.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEB03124E *routineName*: **error unlocking global mutex; errno =** *errno*.

Severity: svc_c_sev_error

Explanation: The mutex cannot be unlocked because the specified value is incorrect.

System Action: The program ends.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEB03125E *routineName*: **error disabling the abillty to cancel; errno =** *errno*.

Severity: svc_c_sev_error

Explanation: The current thread cannot be cancelled generally. Either the specified parameter is incorrect or cancelling this thread generally is not permitted.

System Action: The program ends.

Administrator Response: Contact the service

representative or notify the DCE administrator.

IOEB03126E *localRoutineName*: **mapping return code for** *routineName* (*RtnVal*): *ErrTxt*.

Severity: svc_c_sev_error

Explanation: The message is showing the map for non-bosserver error codes.

System Action: The program continues.

IOEB03127E *routineName*: **error re-enabling the ability to cancel; errno =** *errno*.

Severity: svc_c_sev_error

Explanation: The current thread cannot be cancelled generally. Either the specified parameter is incorrect or cancelling this thread generally is not permitted. The error occurred during a reenable attempt.

System Action: The program ends.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEB03128E *routineName*: **error determining authorization checking status of machine:** *errno*.

Severity: svc_c_sev_error

Explanation: An error occurred while attempting to check the authorization status of the machine.

System Action: The program ends.

Administrator Response: Contact the service representative.

IOEB03129E *routineName*: **unable to parse root name:** *errorStringP*.

Severity: svc_c_sev_error

Explanation: The program was unable to parse the root name.

System Action: The program ends.

Administrator Response: Verify that the root name exists and is valid. If the problem continues, contact the service representative or notify the DCE administrator.

IOEB03130E *routineName*: **unable to parse root name: unknown error.**

Severity: svc_c_sev_error

Explanation: The program was unable to parse the root name.

System Action: The program ends.

Administrator Response: Verify that the root name exists and is valid. If the problem continues, contact the

service representative or notify the DCE administrator.

IOEB03131E *routineName***: unable to setup handle to security:** *errorStringP*

Severity: svc_c_sev_error

Explanation: The program was unable to setup a binding handle to security. Refer to the errorStringP value for additional information.

System Action: The program ends.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEB03132E *routineName***: unable to setup handle to security: unknown error.**

Severity: svc_c_sev_error

Explanation: The program was unable to setup a binding handle to security for an unknown reason.

System Action: The program ends.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEB03133E *routineName***: unable to setup localauth context:** *ErrTxt***.**

Severity: svc_c_sev_error

Explanation: The program was unable to get local authority for the specified pathname.

System Action: The program ends.

Administrator Response: Verify that the pathname has proper authority. If it does, contact the service representative or notify the DCE administrator.

IOEB03134E *routineName***: unrecognized user or group uuid,** *userName***, found in administration list:** *pathname***.**

Severity: svc_c_sev_error

Explanation: The user or group specified in the administration list is not recognized.

System Action: The program continues.

Administrator Response: Verify that the user or group is specified correctly, then run the program again.

IOEB03135E *routineName***: unexpected authorization error returned from get next key routine.**

Severity: svc_c_sev_error

Explanation: While attempting to get the next key, the routine lost authorization to perform the operation.

System Action: The program ends.

Administrator Response: Additional information is found in the *z/OS: DCE Application Development Reference*, SC24-5908 or notify the DCE administrator.

IOEB03136E *routineName***: error getting key number** *keyCounter* **for principal** *principal***:** *errorStringP***.**

Severity: svc_c_sev_error

Explanation: The routine cannot get the key number for the principal. Refer to the error string text for additional information.

System Action: The program continues.

Administrator Response: Verify that the principal is specified correctly, then run the program again. Additional information is found in the *z/OS: DCE Application Development Reference*, SC24-5908, or notify the DCE administrator.

IOEB03137E *routineName***: error getting key number** *keyCounter* **for principal** *principal***: unknown error.**

Severity: svc_c_sev_error

Explanation: An unknown error occurred while getting the key number for the principal.

System Action: The program continues.

Administrator Response: Verify that the principal is specified correctly, then run the program again. Additional information is found in the *z/OS: DCE Application Development Reference*, SC24-5908, or notify the DCE administrator.

IOEB03138E *routineName***: error releasing keyfile cursor:** *errorStringP***.**

Severity: svc_c_sev_error

Explanation: The storage used by the initialized cursor value cannot be released. Refer to the error text of the message for additional information.

System Action: The program continues.

Administrator Response: Additional information can be found in the *z/OS: DCE Application Development Reference*, SC24-5908, or notify the DCE administrator.

IOEB03139E *routineName***: error releasing keyfile cursor: unknown error.**

Severity: svc_c_sev_error

Explanation: While attempting to release the storage used by the initialized cursor value, an unknown error was encountered.

System Action: The program continues.

Administrator Response: Additional information can

be found in the *z/OS: DCE Application Development Reference*, SC24-5908, or notify the DCE administrator.

IOEB03140E *routineName*: **unexpected authorization error returned from key cursor initialization routine.**

Severity: svc_c_sev_error

Explanation: The **get key cursor** routine lost authorization to perform the operation.

System Action: The program ends.

Administrator Response: Additional information can be found in the *z/OS: DCE Application Development Reference*, SC24-5908, or notify the DCE administrator.

IOEB03141E *routineName*: **error initializing keyfile cursor for principal name** *principal*: *errorStringP*.

Severity: svc_c_sev_error

Explanation: While attempting to release the storage used by the initialized cursor value, an error was encountered. Refer to the error text of the message for additional information.

System Action: The program continues.

Administrator Response: Additional information can be found in the *z/OS: DCE Application Development Reference*, SC24-5908, or notify the DCE administrator.

IOEB03142E *routineName*: **error initializing keyfile cursor for principal name** *principal*: **unknown error.**

Severity: svc_c_sev_error

Explanation: An unknown error was encountered while attempting to release the storage used by the initialized cursor value.

System Action: The program continues.

Administrator Response: Additional information can be found in the *z/OS: DCE Application Development Reference*, SC24-5908, or notify the DCE administrator.

IOEB03143E *routineName*: **error: incorrect key type returned by get key routine.**

Severity: svc_c_sev_error

Explanation: The **get key** routine has returned an incorrect key type.

System Action: The program ends.

Administrator Response: Additional information can be found in the *z/OS: DCE Application Development Reference*, SC24-5908, or notify the DCE administrator.

IOEB03144I *routineName*: **Attention: real key length (**realKeyLength**) != bossvr key length (**bosKeyLength**).**

Severity: svc_c_sev_warning

Explanation: The real key length does not match the bosserver key length, therefore only a portion of the key maybe used.

System Action: The program continues.

IOEB03145E *routineName*: **unable to revoke localauth context:** *ErrTxt*.

Severity: svc_c_sev_error

Explanation: The local authority was not revoked because an error occurred while calling the dfsauth client cleanup authentication routine.

System Action: The program continues.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEB03146E *routineName*: **unable to setup localauth context:** *ErrTxt*.

Severity: svc_c_sev_error

Explanation: The local authority was not initialized because an error occurred while calling the dfsauth client initialize authentication routine..

System Action: The program ends.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEB03147E *routineName*: **unexpected authorization error returned from key management routine.**

Severity: svc_c_sev_error

Explanation: The key management routine is not authroized to insert the key into local storage.

System Action: The program ends.

Administrator Response: Additional information can be found in the *z/OS: DCE Application Development Reference*, SC24-5908, or notify the DCE administrator.

IOEB03148E *routineName* (*calleeName*): **error adding key version** *kvno* **for principal** *principalName*: *errorStringP*.

Severity: svc_c_sev_error

Explanation: An error occurred while adding the key version for the principal. Refer to the error string text for additional information.

System Action: The program ends.

Administrator Response: Additional information is found in the *z/OS: DCE Application Development Reference*, SC24-5908. If the problem continues, notify the DCE administrator.

IOEB03149E *routineName* **(***calleeName***): error adding key version** *kvno* **for principal** *principal***: unknown error.**

Severity: svc_c_sev_error

Explanation: An unknown error occurred while adding the key version for the principal.

System Action: The program ends.

Administrator Response: Additional information is found in the *z/OS: DCE Application Development Reference*, SC24-5908. If the problem continues, notify the DCE administrator.

IOEB03150E *routineName***: error deleting key version** *kvno* **for principal** *principalName***:** *errorStringP***.**

Severity: svc_c_sev_error

Explanation: An error occurred while deleting the key version for the principal. Refer to the error string text for additional information.

System Action: The program ends.

Administrator Response: Additional information is found in the *z/OS: DCE Application Development Reference*, SC24-5908, or notify the DCE administrator.

IOEB03151E *routineName***: error deleting key version** *kvno* **for principal** *principalName***: unknown error.**

Severity: svc_c_sev_error

Explanation: An unknown error occurred deleting the key version for the principal.

System Action: The program ends.

Administrator Response: Additional information is found in the *z/OS: DCE Application Development Reference*, SC24-5908, or notify the DCE administrator.

IOEB03152E *routineName***: error generating random key:** *errorStringP***.**

Severity: svc_c_sev_error

Explanation: While attempting to generate a new random key of the specified key type, an error was encountered. Refer to the error text of the message for additional information.

System Action: The program ends.

Administrator Response: Additional information is found in the *z/OS: DCE Application Development*

Reference, SC24-5908, or notify the DCE administrator.

IOEB03153E *routineName***: error generating random key: unknown error.**

Severity: svc_c_sev_error

Explanation: While attempting to generate a new random key of the specified key type, an unknown error was encountered.

System Action: The program ends.

Administrator Response: Additional information is found in the *z/OS: DCE Application Development Reference*, SC24-5908, or notify the DCE administrator.

IOEB03154E *routineName***: unexpected authorization error returned from** *calleeName***.**

Severity: svc_c_sev_error

Explanation: The caller is not authorized to perform this operation.

System Action: The program ends.

Administrator Response: Additional information is found in the *z/OS: DCE Application Development Reference*, SC24-5908, or notify the DCE administrator.

IOEB03155E *routineName* **(***calleeName***): error generating random key for** *principalName* **(kvno** *kvno***):** *errorStringP***.**

Severity: svc_c_sev_error

Explanation: An error occurred while generating the random key for the principal. Refer to the error string text for additional information.

System Action: The program ends.

Administrator Response: Additional information is found in the *z/OS: DCE Application Development Reference*, SC24-5908, or notify the DCE administrator.

IOEB03156E *routineName* **(***calleeName***): error generating random key for** *principalName* **(kvno** *kvno***): unknown error.**

Severity: svc_c_sev_error

Explanation: An unknown error occurred while generating the random key for the principal.

System Action: The program ends.

Administrator Response: Additional information is found in the *z/OS: DCE Application Development Reference*, SC24-5908, or notify the DCE administrator.

IOEB03157E *routineName* (*calleeName*)**: error deleting obsolete keys:** *errorStringP***.**

Severity: svc_c_sev_error

Explanation: An error occurred deleting obsolete keys for the principal. Refer to the error string text for additional information.

System Action: The program ends.

Administrator Response: Additional information is found in the *z/OS: DCE Application Development Reference*, SC24-5908, or notify the DCE administrator.

IOEB03158E *routineName* (*calleeName*)**: error deleting obsolete keys: unknown error.**

Severity: svc_c_sev_error

Explanation: An unknown error occurred deleting obsolete keys for the principal.

System Action: The program ends.

Administrator Response: Additional information is found in the *z/OS: DCE Application Development Reference*, SC24-5908, or notify the DCE administrator.

IOEB03159E *routineName***: error signalling restart time change; errno =** *errno***.**

Severity: svc_c_sev_error

Explanation: An error occurred when trying to wake the thread for the restart time change using the **pthread_cond_signal routine**.

System Action: The program continues.

Administrator Response: Additional information is found in the *z/OS: DCE Application Development Reference*, SC24-5908, or notify the DCE administrator.

IOEB03160E *routineName***: error parsing 'now' restart time.**

Severity: svc_c_sev_error

Explanation: The **ktime_ParsePeriodic** routine returned an error while trying to parse the NOW restart time.

System Action: The program continues.

Administrator Response: Contact the service representative.

IOEB03161E *routineName***: Error trying to rename .OLD to current (errno =** *OldErrno***); because the program was unable to move .BAK to current (errno =** *BakErrno***).**

Severity: svc_c_sev_error

Explanation: During the bosserver uninstall, the

program was unable to rename the .OLD to the current name after moving .BAK to the current.

System Action: The program ends.

Administrator Response: Contact the service representative.

IOEB03162E *routineName***: Error trying to remove current copy of file:** *pathname***:** *errno***.**

Severity: svc_c_sev_error

Explanation: During the bosserver uninstall, the program was unable to remove the current copy of the file.

System Action: The program ends.

Administrator Response: Contact the service representative.

IOEB03163E *routineName***: Error trying to remove .BAK copy of file:** *bakname***:** *errno***.**

Severity: svc_c_sev_error

Explanation: During the bosserver uninstall, the program was unable to remove the .BAK copy of the file.

System Action: The program ends.

Administrator Response: Contact the service representative.

IOEB03164E *routineName***: Error trying to remove .OLD current copy of file:** *bakname***:** *errno***.**

Severity: svc_c_sev_error

Explanation: During the bosserver uninstall, the program was unable to remove the .OLD current copy of the file.

System Action: The program ends.

Administrator Response: Contact the service representative.

IOEB03165E *routineName***: error signalling new restart time; errno =** *errno***.**

Severity: svc_c_sev_error

Explanation: An error occurred when trying to wake the thread for the new restart time using the **pthread_cond_signal** routine.

System Action: The program continues.

Administrator Response: Additional information is found in the *z/OS: DCE Application Development Reference*, SC24-5908, or notify the DCE administrator.

IOEB03166E *routineName*: **unable to get server interfaces from ncscompat routine:** *errorStringP*.

Severity: svc_c_sev_error

Explanation: An error occurred while getting the server interfaces from the **dfs_GetServerInterfaces** routine. Refer to the error text for additional information.

System Action: The program ends.

Administrator Response: Contact the service representative.

IOEB03167E routineName: **unable to get server interfaces from ncscompat routine: unknown error.**

Severity: svc_c_sev_error

Explanation: An unknown error occurred while getting the server interfaces from the dfs_GetServerInterfaces

System Action: The program ends.

Administrator Response: Contact the service representative.

IOEB03168E bosserver: cannot set up dump handler.

Severity: svc_c_sev_error

Explanation: The internal dump function cannot be set up for the bosserver.

System Action: The program continues.

Administrator Response: Any dumps from the bosserver will not go to a separate bosserver DD.

IOEB03169I Error: DCELOCAL pathname too long.

Severity: sev_c_sev_warning

Explanation: The DCELOCAL is longer than the maximum allowable path length.

System Action: The program ends.

Administrator Response: Shorten the DCELOCAL path name.

IOEB03170E *routineName*: **error restarting bosserver, not authorized to perform request.**

Severity: svc_c_sev_error

Explanation: An error occurred when trying to wake the thread for the bosserver restart, status code BZACCESS binding was not authorized to perform the request.

System Action: The program continues.

Administrator Response: Additional information is found in the *z/OS: DCE Application Development*

Reference, SC24-5908, or notify the DCE administrator.

IOEB03171I DFS daemon *daemon_name* **status is** *status_string* **and process ID is** *daemon_pid*.

Severity: svc_c_sev_notice

Explanation: This message is issued when a daemon is queried using the **QUERY** command. The system returns one of the following status values:

DOWN
    The daemon is not running.

STOPPING
    The Distributed File Service kernel is attempting to end the daemon.

INITIALIZING
    The daemon is running but has not completed initialization.

READY
    The daemon is running, initialized, and ready to receive requests.

UNKNOWN
    The daemon started, but the Distributed File Service kernel cannot determine if the daemon has completed initialization.

System Action: The program continues.

IOEB03172I *programName*: *error_text* **from dfs_client_ AutoRefreshLocalAuthContext().**

Severity: svc_c_sev_warning

Explanation: An error was encountered while attempting to spawn a thread to maintain our DCE identity.

System Action: BOS server continues to initialize. However, it will not be able to refresh its DCE identity. This will mean that after the DCE identity expires, commands which require the BOS server to have an identity (such as lsadmin, addadmin or rmadmin) will not give expected results.

Administrator Response: Determine the problem, and restart the BOS server.

IOEB03585I *programName*: **unable to compose a string to represent the binding:***ErrTxt*

Severity: svc_c_sev_error

Explanation: A string to represent a binding handle for use in communicating with the bosserver cannot be created.

System Action: The program ends.

Administrator Response: Verify that the authorities are correct and refer to the error text for additional

information. If the authorities are correct, contact the service representative.

IOEB03586E *programName***: unable to obtain binding from string:** *ErrTxt*

Severity: svc_c_sev_error

Explanation: A binding handle used for communicating with the bosserver cannot be obtained. A string was composed because a particular object is not available for access.

System Action: The program ends.

Administrator Response: Verify that the authorities are correct and refer to the error text for additional information. If the authorities are correct, contact the service representative.

IOEB03587I *programName***: WARNING: short name for server used; no authentication information will be sent to the bosserver.**

Severity: svc_c_sev_notice

Explanation: The short name used for the server forced a noauth mode. Authentication information cannot be sent to the bosserver.

System Action: The program continues.

Administrator Response: None.

IOEB03588I *programName***: WARNING: no authentication information found; none will be sent to the bosserver.**

Severity: svc_c_sev_notice

Explanation: Authentication information used to create a binding for the bosserver cannot be found.

System Action: The program continues.

Administrator Response: None.

IOEB03589E *programName***: unable to locate server:** *ErrTxt***.**

Severity: svc_c_sev_error

Explanation: The RPC **locate dfs server** routine is unable to find a DFS server.

System Action: The program ends.

Administrator Response: Verify that the server exists and refer to the error text for additional information. If the server does exist, contact the service representative or notify the DCE administrator.

IOEB03590E *programName***: unable to create a nil UUID:** *ErrTxt***.**

Severity: svc_c_sev_error

Explanation: The **create nil UUID** routine is unable to create a nil UUID for the bosserver binding.

System Action: The program ends.

Administrator Response: Contact the service representative.

IOEB03592I **WARNING: noauth mode forced due to lack of credentials.**

Severity: svc_c_sev_notice

Explanation: No authentication information was sent to the bosserver due to a lack of credentials.

System Action: The program continues.

Administrator Response: None.

IOEB03593E *programName***: unable to obtain bosserver binding.**

Severity: svc_c_sev_error

Explanation: The program is unable to obtain the bosserver binding using the caller's default credentials.

System Action: The program ends.

Administrator Response: Refer to the error text for more information or contact the service representative.

IOEB03596E **Data encryption unsupported by RPC. Continuing without it.**

Severity: svc_c_sev_error

Explanation: The packet privacy protection level is not available.

System Action: The program continues.

Administrator Response: If this is not acceptable, contact the service representative or notify the DCE administrator.

IOEB03597E *programName***: unable to retrieve cell name (***ErrTxt***).**

Severity: svc_c_sev_error

Explanation: The Bosserver **Get CellName** routine cannot retrieve the needed cell name.

System Action: The program ends.

Administrator Response: Verify that the cell name exists and the bosserver binding is valid. Refer to the error text for additional information. Then contact the service representative.

IOEB03598E *programName*: **unable to set new key**
key_index (*ErrTxt***) using principal**
indicated.

Severity: svc_c_sev_error

Explanation: The **bos addkey** command cannot associate the new server encryption key with the principal specified.

System Action: The program ends.

Administrator Response: Verify that the principal is valid, using the error text for additional information. If the principal is valid, contact the service representative.

IOEB03599E *programName*: **file** *fileName* **not found,**
try using the '-createlist' flag.

Severity: svc_c_sev_error

Explanation: The **bos addadmin** command is not able to find the specified administration file.

System Action: The program continues.

Administrator Response: If the administration file exists, verify the name and specify it again. Otherwise, try using the **'-createlist'** command option.

IOEB03600E *programName*: **unable to add user**
'*fileName***' (***ErrTxt***).**

Severity: svc_c_sev_error

Explanation: The **bos addadmin** command is not able to add the user to the administration file due to an RPC or bosserver error.

System Action: The program ends.

Administrator Response: Refer to the error text for additional information. Then contact the service representative or notify the DCE administrator

IOEB03601E *programName*: **unable to add group**
'*fileName***' (***ErrTxt***).**

Severity: svc_c_sev_error

Explanation: The **bos addadmin** command is not able to add the group to the administration file due to an RPC or bosserver error.

System Action: The program ends.

Administrator Response: Refer to the error text for additional information. Then contact the service representative or notify the DCE administrator.

IOEB03602E *programName*: **unable to create file**
'*fileName***' (***ErrTxt***).**

Severity: svc_c_sev_error

Explanation: The specified file cannot be created using the **-createlist** option.

System Action: The program ends.

Administrator Response: Refer to the error text for additional information. Then contact the service representative or notify the DCE administrator.

IOEB03603E *programName*: **Error: no users or**
groups or action specified.

Severity: svc_c_sev_error

Explanation: A user or group or action must be specified with this command. Specify one and enter the command again.

System Action: The program ends.

Administrator Response: None.

IOEB03604E bos: **bos create cmd_line option length**
commandLength **exceeds maximum**
length of *maxLength***.**

Severity: svc_c_sev_error

Explanation: The **bos create** command exceeds a preset length.

System Action: The program ends.

Administrator Response: Reduce the length specified to a value less than the maximum indicated in the error message and enter the command again.

IOEB03605E *programName*: **too many parameters;**
everything after *parameter* **ignored.**

Severity: svc_c_sev_error

Explanation: Too many parameters were specified on the command.

System Action: The program ends.

Administrator Response: Eliminate the parameters after the value specified and enter the command again.

IOEB03606E *programName*: **unable to create new**
server instance *instanceName* **of type**
'*serverType***' (***ErrTxt***).**

Severity: svc_c_sev_error

Explanation: The **bos create** command is unable to create the server specified in the command. The problem may be an RPC or bosserver error.

System Action: The program ends.

Administrator Response: Refer to the error text for additional information. Then contact the service representative or notify the DCE administrator.

IOEB03607E *programName***: cannot delete running instance '***instanceName***'.**

Severity: svc_c_sev_error

Explanation: The **bos** command is not able to delete the specified instance because it is running.

System Action: The program ends.

Administrator Response: Stop the instance, then try the request again.

IOEB03608E *programName***: unable to delete instance '***instanceName***' (***ErrTxt***).**

Severity: svc_c_sev_error

Explanation: The **bos** command cannot delete the specified instance. The problem may be an RPC or bosserver error.

System Action: The program ends.

Administrator Response: Refer to the error text for additional information. Then contact the service representative or notify the DCE administrator.

IOEB03609E *programName***: unable to remove encryption keys for** *principalName* **principal (***ErrTxt***).**

Severity: svc_c_sev_error

Explanation: The **bos gckeys** command is unable to remove the obsolete server encryption keys from the specified principal name.

System Action: The program ends.

Administrator Response: Verify that the principal name is correct and refer to the error text for additional information. If the problem continues, contact the service representative or notify the DCE administrator.

IOEB03610E *programName***: unable to generate key version** *key_version* **for** *principalname* **principal (***ErrTxt***).**

Severity: svc_c_sev_error

Explanation: The **bos genkey** command is unable to associate a new server encryption key for the specified princial name.

System Action: The program ends.

Administrator Response: Verify that the principal name is correct and refer to the error text for additional information. If the problem continues, contact the service representative or notify the DCE administrator.

IOEB03619E *programName***: unable to check date on** *binaryFile* **(***ErrTxt***).**

Severity: svc_c_sev_error

Explanation: The **bos getdates** command is unable to check the date for the specified binary file.

System Action: The program ends.

Administrator Response: Verify that the binary file name is correct and refer to the error text for additional information. If the problem continues, contact the service representative or notify the DCE administrator.

IOEB03621E *programName***: unexpected pipe exception raised getting log file** *log_file* **(***ErrTxt***).**

Severity: svc_c_sev_error

Explanation: The **bos getlog** command is unable to get the specified log file because of a pipe exception.

System Action: The program ends.

Administrator Response: Refer to the error text for additional information. Then, contact the service representative or notify the DCE administrator.

IOEB03622E *programName***: unexpected exception raised getting log file** *log_file***.**

Severity: svc_c_sev_error

Explanation: The **bos getlog** command is unable to get the specified log file because an unknown exception was encountered.

System Action: The program ends.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEB03623E *programName***: unable to get log file** *log_file* **(***ErrTxt***).**

Severity: svc_c_sev_error

Explanation: The **bos getlog** command is unable to get the specified log file.

System Action: The program ends.

Administrator Response: Verify that the log file name is correct and refer to the error text for additional information. If the problem continues, contact the service representative or notify the DCE administrator.

IOEB03624E *programName***: memory allocation error.**

Severity: svc_c_sev_error

Explanation: The **bos getlog** command is unable to get the specified log file due to an error when allocating the memory for the pipe.

System Action: The program ends.

Administrator Response: Contact the service representative.

IOEB03625E gethostname: *ErrTxt*.

Severity: svc_c_sev_error

Explanation: The **bos getrestart** command is unable to get a valid hostname.

System Action: The program ends.

Administrator Response: Refer to the error text for additional information. Contact the service representative or notify the DCE administrator.

IOEB03628E *programName*: **unable to retrieve restart information (***ErrTxt***).**

Severity: svc_c_sev_error

Explanation: The **bos getrestart** command is unable to retrieve valid restart information.

System Action: The program ends.

Administrator Response: Refer to the error text for additional information. Contact the service representative or notify the DCE administrator.

IOEB03629E *programName*: **unable to decode restart time (***ErrTxt***).**

Severity: svc_c_sev_error

Explanation: The **bos getrestart** command cannot decode the restart time information.

System Action: The program ends.

Administrator Response: Refer to the error text for additional information. Contact the service representative or notify the DCE administrator.

IOEB03631E *programName*: **unable to install file '***binaryFile***' (***ErrTxt***).**

Severity: svc_c_sev_error

Explanation: The **bos install** command is unable to install the specified binary file.

System Action: The program ends.

Administrator Response: Verify that the binary file name is correct and refer to the error text for additional information. If the problem continues, contact the service representative or notify the DCE administrator.

IOEB03632E *programName*: **unable to obtain binary file '***binaryFile***' statistics.**

Severity: svc_c_sev_error

Explanation: The **bos install** command is unable to

obtain the specific statistics from the binary file.

System Action: The program ends.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEB03633E *programName*: **unable to open binary file '***binaryFile***'.**

Severity: svc_c_sev_error

Explanation: The **bos install** command is unable to open the specified binary file

System Action: The program ends.

Administrator Response: Verify that the binary file exists. If the problem continues, contact the service representative or notify the DCE administrator.

IOEB03634E *programName*: **unable to kill bosserver (***ErrTxt***).**

Severity: svc_c_sev_error

Explanation: The command specified is unable to kill the bosserver.

System Action: The program ends.

Administrator Response: Refer to the error text for additional information. Contact the service representative or notify the DCE administrator.

IOEB03636E *programName*: **unable to get cell name (***ErrTxt***).**

Severity: svc_c_sev_error

Explanation: The **bos lscell** command cannot find the name of cell in which the bosserver was running.

System Action: The program ends.

Administrator Response: Verify that the machine name is correct and refer to the error text for additional information. If the problem continues, contact the service representative or notify the DCE administrator.

IOEB03644E *programName*: *ErrTxt* **error encountered while listing keys.**

Severity: svc_c_sev_error

Explanation: The **bos lskeys** command encountered an error while attempting to list the server encryption keys kept in the keytab file.

System Action: The program ends.

Administrator Response: Verify that the keytab file is not corrupted and refer to the error text for additional information. If the problem continues, contact the service representative or notify the DCE administrator.

IOEB03651E *programName*: **unable to retrieve admin user list (***ErrTxt***).**

Severity: svc_c_sev_error

Explanation: The command encountered an error while attempting to list the administration users.

System Action: The program ends.

Administrator Response: Refer to the error text for additional information. If the problem continues, contact the service representative or notify the DCE administrator.

IOEB03652E *programName*: **unable to prune server files (***ErrTxt***).**

Severity: svc_c_sev_error

Explanation: The **bos prune** command is unable to remove the obsolete versions of the binary and core files from the binary and administrator directories.

System Action: The program ends.

Administrator Response: Verify that the files exist and are not corrupted. Refer to the error text for additional information. If the problem continues, contact the service representative or notify the DCE administrator.

IOEB03653E *programName*: **unable to delete key** *keyNumber* **(***ErrTxt***).**

Severity: svc_c_sev_error

Explanation: The **bos rmkey** command cannot remove the specified server encryption key from the keytab file.

System Action: The program ends.

Administrator Response: Verify that the keytab file exists and is not corrupted. Refer to the error text for additional information. If the problem continues, contact the service representative or notify the DCE administrator.

IOEB03654E *programName*: **unable to delete user** '*userName*'.

Severity: svc_c_sev_error

Explanation: The specified command is unable to delete the user. The information following this message either states the user does exist or provides error text.

System Action: The program ends.

Administrator Response: Verify that the user exists or refer to the error text for additional information. If the problem continues, contact the service representative or notify the DCE administrator.

IOEB03657E *programName*: **cannot delete group** '*groupName*',

Severity: svc_c_sev_error

Explanation: The command entered cannot remove the specified group. The information following this message either states the group does not exist or provides error text.

System Action: The program ends.

Administrator Response: Verify that the group exists or refer to the error text for additional information. If the problem continues, contact the service representative or notify the DCE administrator.

IOEB03660E *programName*: **unable to remove file** '*groupName*' **(***ErrTxt***).**

Severity: svc_c_sev_error

Explanation: The command is unable to remove the specified file.

System Action: The program ends.

Administrator Response: Verify that the file exists and refer to the error text for additional information. If the problem continues, contact the service representative or notify the DCE administrator.

IOEB03661E *programName*: **Error: no users or groups or action specified.**

Severity: svc_c_sev_error

Explanation: The command does not specify a user, group, or action.

System Action: The program ends.

Administrator Response: Enter the command specifying the appropriate options.

IOEB03662E *programName*: **unable to restart bosserver (***ErrTxt***).**

Severity: svc_c_sev_error

Explanation: The bosserver is unable to restart.

System Action: The program ends.

Administrator Response: Refer to the error text for additional information. Contact the service representative or notify the DCE administrator.

IOEB03663E *programName*: **unable to restart instance** *instanceName* **(***ErrTxt***).**

Severity: svc_c_sev_error

Explanation: The **bos** command is unable to restart the specified instance. The problem may be an RPC or bosserver error.

System Action: The program ends.

Administrator Response: Refer to the error text for additional information. Then contact the service representative or notify the DCE administrator.

IOEB03664E *programName*: **unable to restart servers (***ErrTxt***).**

Severity: svc_c_sev_error

Explanation: The **bos** command is unable to restart the servers.

System Action: The program ends.

Administrator Response: Refer to the error text for additional information. Then contact the service representative or notify the DCE administrator.

IOEB03665E *programName*: **Incorrect authentication specifier '***option***', must be 'off' or 'on'.**

Severity: svc_c_sev_error

Explanation: The **bos setauth** command must be entered with the off or on option specified.

System Action: The program ends.

Administrator Response: Specify the correct option and try the request again.

IOEB03666E *programName*: **unable to set authentication flag (***ErrTxt***).**

Severity: svc_c_sev_error

Explanation: The **bos setauth** is unable to set the flag. The problem may be an RPC or bosserver error.

System Action: The program ends.

Administrator Response: Refer to the error text for additional information. Contact the service representative or notify the DCE administrator.

IOEB03668E *programName*: **unable to set bosserver debug flag (***ErrTxt***).**

Severity: svc_c_sev_error

Explanation: The **bos setdebug** is unable to set the debug flag. The problem may be an RPC or bosserver error.

System Action: The program ends.

Administrator Response: Check the error text provided for additional information. Contact the service representative or notify the DCE administrator.

IOEB03669E *programName*: **unrecognized flag value:** *option***.**

Severity: svc_c_sev_error

Explanation: The **bos setdebug** has an incorrect or unrecognized flag value.

System Action: The program ends.

Administrator Response: Specify a corrected option and try the request again.

IOEB03670E *programName*: **unable to set times for restart (***ErrTxt***).**

Severity: svc_c_sev_error

Explanation: The **bos setrestart** command cannot set the times used by the bosserver to perform the restarts. The problem may be an RPC or bosserver error.

System Action: The program ends.

Administrator Response: Refer to the error text for additional information. Contact the service representative or notify the DCE administrator.

IOEB03671E *programName*: **unable to parse '***time***' as periodic restart time.**

Severity: svc_c_sev_error

Explanation: The **bos setrestart** command is unable to parse the specified time in the BosConfig file.

System Action: The program ends.

Administrator Response: Verify that the BosConfig file is not corrupted and retry the request. If the file is not corrupted, contact the service representative or notify the DCE administrator.

IOEB03672E *programName*: **unable to shutdown servers (***ErrTxt***).**

Severity: svc_c_sev_error

Explanation: The **bos shutdown** command is unable to shutdown the servers. The problem may be an RPC or bosserver error.

System Action: The program ends.

Administrator Response: Verify that the BosConfig file is not corrupted and retry the request. If the file is not corrupted, contact the service representative or notify the DCE administrator.

IOEB03673E *programName*: **unable to shutdown instance** *instanceName* **(***ErrTxt***).**

Severity: svc_c_sev_error

Explanation: The **bos shutdown** command is unable to shutdown the specified server. The problem may be an RPC or bosserver error.

System Action: The program ends.

Administrator Response: Refer to the error text for additional information. Contact the service representative or notify the DCE administrator.

IOEB03674E *programName*: **unable to wait for processes to shutdown (***ErrTxt***).**

Severity: svc_c_sev_error

Explanation: The **bos shutdown** or **stop** command ended while waiting for the processes to shutdown. The problem may be an RPC or bosserver error.

System Action: The program ends.

Administrator Response: Refer to the error text for additional information. Contact the service representative or notify the DCE administrator.

IOEB03675E *programName*: **unable to start instance** *instanceName* **(***ErrTxt***).**

Severity: svc_c_sev_error

Explanation: The **bos start** command is unable to start the specified server process. The problem may be an RPC or bosserver error.

System Action: The program ends.

Administrator Response: Refer to the error text for additional information. Contact the service representative or notify the DCE administrator.

IOEB03676E *programName*: **unable to startup servers (***ErrTxt***).**

Severity: svc_c_sev_error

Explanation: The **bos startup** command cannot startup the servers using the RUN flag specified in the BosConfig file. The problem may be an RPC or bosserver error.

System Action: The program ends.

Administrator Response: Refer to the error text for additional information. Contact the service representative or notify the DCE administrator.

IOEB03677E *programName*: **unable to start instance** *instanceName* **(***ErrTxt***).**

Severity: svc_c_sev_error

Explanation: The **bos startup** command is unable to start the specified server process. The problem may be an RPC or bosserver error.

System Action: The program ends.

Administrator Response: Refer to the error text for additional information. Contact the service representative or notify the DCE administrator.

IOEB03699E *programName*: **unable to get parameter** *parmNumber* **for instance** '*instanceName*' **(***ErrTxt***).**

Severity: svc_c_sev_error

Explanation: The **bos status** command was unable to get the parameter for the instance specified. The problem may be an RPC or bosserver error.

System Action: The program ends.

Administrator Response: Refer to the error text for additional information. Contact the service representative or notify the DCE administrator.

IOEB03700E *programName*: **unable to get status for instance** '*instanceName*' **(***ErrTxt***).**

Severity: svc_c_sev_error

Explanation: The **bos status** command is unable to get status for the specified instance. The problem may be an RPC or bosserver error.

System Action: The program ends.

Administrator Response: Refer to the error text for additional information. Contact the service representative or notify the DCE administrator.

IOEB03701E *programName*: **unable to get instance information for** '*instanceName*' **(***ErrTxt***).**

Severity: svc_c_sev_error

Explanation: The **bos status** command is unable to get information for the specified instance. The problem may be an RPC or bosserver error.

System Action: The program ends.

Administrator Response: Refer to the error text for additional information. Contact the service representative or notify the DCE administrator.

IOEB03703E Bosserver reports incorrect access on server directories.

Severity: svc_c_sev_error

Explanation: The server directories contain incorrect access information.

System Action: The program continues.

Administrator Response: Correct the access in the directories and try the request again. If the problem continues, contact the service representative or notify the DCE administrator.

IOEB03704E *programName*: **unable to contact host bosserver (***ErrTxt***).**

Severity: svc_c_sev_error

Explanation: The bosserver is down or the communication link to the host was lost. The problem may be an RPC or bosserver error.

System Action: The program ends.

Administrator Response: Refer to the error text for additional information. Contact the service representative or notify the DCE administrator.

IOEB03705E *programName*: **unable to stop instance '***instanceName***' (***ErrTxt***).**

Severity: svc_c_sev_error

Explanation: The **bos stop** command is unable to stop the specified server process. The problem may be an RPC or bosserver error.

System Action: The program ends.

Administrator Response: Refer to the error text for additional information. Contact the service representative or notify the DCE administrator.

IOEB03707E *programName*: **unable to uninstall** *binaryFile* **(***ErrTxt***).**

Severity: svc_c_sev_error

Explanation: The **bos uninstall** command is unable to replace the specified binary file with the previous version. The problem may be an RPC or bosserver error.

System Action: The program ends.

Administrator Response: Refer to the error text for additional information. Contact the service representative or notify the DCE administrator.

Chapter 3. IOECnnnnnt Messages - DFS Client (Cache Manager) and cm Commands

This chapter contains the messages that may result from the DFS Client (Cache Manager) processing and issuing **cm** commands.

IOEC04096I **Attention: unable to initialize icl for bind, code** *errorcode***.**

Severity: svc_c_sev_error

Explanation: An error occurred initializing the bind **DFSTRACE** set.

System Action: The program continues.

Administrator Response: If the problem continues, contact the service representative.

IOEC04097I **Cannot start ICL signal watcher, code=***errorcode1***, errno=***errorcode2***.**

Severity: svc_c_sev_error

Explanation: An error occurred during **DFSTRACE** initialization.

System Action: The program continues.

Administrator Response: If the problem continues, contact the service representative.

IOEC04101I **DFSD: opening cache information file '***FileName***'...**

Severity: svc_c_sev_notice

Explanation: .The dfsd program is opening the cache information file. This informational message is only displayed if the **-debug** or **-verbose** option is specified on the dfsd command line.

System Action: The program continues.

Administrator Response: None.

IOEC04102A DFSD: cannot read cache information file '*FileName***' (code** *ErrorCode***).**

Severity: svc_c_sev_error

Explanation: The dfsd program cannot open and read the dcelocal/etc/CacheInfo file. *ErrorCode* is the error code from the **fopen** function.

System Action: The program ends.

Administrator Response: Ensure that the dcelocal/etc/CacheInfo file exists and that dfsd has permission to read the file.

IOEC04103A DFSD: syntax error in cache information file.

Severity: svc_c_sev_error

Explanation: The dfsd program found a syntax error in the dcelocal/etc/CacheInfo file. This message is followed by other messages providing more information on the syntax error.

System Action: The program ends.

Administrator Response: Ensure that the dcelocal/etc/CacheInfo file has the correct format. Additional information about the format of this file is found in the *z/OS: DCE Administration Guide*, SC24-5904.

IOEC04104A EOF encountered before any field parsed.

Severity: svc_c_sev_error

Explanation: The dfsd program found that the dcelocal/etc/CacheInfo file is empty.

System Action: The program ends.

Administrator Response: Ensure that the dcelocal/etc/CacheInfo file has the correct format. Additional information about the format of this file is found in the *z/OS: DCE Administration Guide*, SC24-5904.

IOEC04105A *Num* **out of 3 fields successfully parsed.**

Severity: svc_c_sev_error

Explanation: The dfsd program found that the dcelocal/etc/CacheInfo file does not contain all the required fields.

System Action: The program ends.

Administrator Response: Ensure that the dcelocal/etc/CacheInfo file has the correct format. Additional information about the format of this file is found in the *z/OS: DCE Administration Guide*, SC24-5904.

IOEC04106A dfsMountDir: '*MountDir***' cacheBaseDir: '***BaseDir***' cacheBlocks:** *CacheBlock***.**

Severity: svc_c_sev_error

Explanation: The dfsd program found that the

dcelocal/etc/CacheInfo file does not contain all the required fields. The value of each field is shown.

System Action: The program ends.

Administrator Response: Ensure that the dcelocal/etc/CacheInfo file has the correct format. Additional information about the format of this file is found in the *z/OS: DCE Administration Guide*, SC24-5904.

IOEC04107I DFSD: cache information file successfully parsed.

Severity: svc_c_sev_notice

Explanation: The dfsd program successfully parsed the dcelocal/etc/CacheInfo file.

System Action: The program continues.

Administrator Response: None.

IOEC04108I dfsMountDir: '*MountDir*' cacheBaseDir: '*BaseDir*' cacheBlocks: *CacheBlock*.

Severity: svc_c_sev_notice

Explanation: The dfsd program successfully parsed the dcelocal/etc/CacheInfo and the value of each field in the file is shown here.

System Action: The program continues.

Administrator Response: None.

IOEC04109I DFSD: Creating cache file '*FileName*'

Severity: svc_c_sev_notice

Explanation: The dfsd program is creating the *FileName* cache file.

System Action: The program continues.

Administrator Response: None.

IOEC04110A DFSD: unable to create '*FileName*' (code *ErroCode*).

Severity: svc_c_sev_error

Explanation: The dfsd program cannot create the *FileName* cache file. The return code from the file create function is given by *ErroCode*.

System Action: The program ends.

Administrator Response: Examine the POSIX error value returned in the message to determine the source of the error. If the cause of the problem cannot be determined, contact the service representative.

IOEC04112I DFSD: opening root directory on cache device '*DevNum*'.

Severity: svc_c_sev_notice

Explanation: The dfsd program is reading the DFS cache base directory to determine which disk cache files exist.

System Action: The program continues.

Administrator Response: None.

IOEC04113A DFSD: stat entries must be greater than zero.

Severity: svc_c_sev_error

Explanation: The specified **-stat** parameter value is not valid. **-stat** must be greater than 0.

System Action: The program ends.

Administrator Response: Restart the DFS cache manager with a valid value for **-stat**.

IOEC04114A DFSD: unable to open DFS cache device root directory (code *ErrorCode*).

Severity: svc_c_sev_error

Explanation: The dfsd program could not open the cache directory. The return code from the file function is given by *ErrorCode*.

System Action: The program ends.

Administrator Response: Examine the POSIX error value returned in the message to determine the source of the error If the cause of the problem cannot be determined, contact the service representative.

IOEC04115I DFSD: current directory entry:

Severity: svc_c_sev_notice

Explanation: The current directory entry is displayed. This is a debug message indicating which file is being processed in the cache base directory

System Action: The program continues.

Administrator Response: None.

IOEC04116I inode=*Inode*, reclen=*RecLen*, namelen=*NameLen*.

Severity: svc_c_sev_notice

Explanation: The current cache base directory entries inode number, record length and name length are shown.

System Action: The program continues.

Administrator Response: None.

IOEC04117I   DFSD: deleting '*Name*'.

Severity: svc_c_sev_notice

Explanation: The file *Name* is being deleted from the DFS cache base directory because the number of cache files requested is fewer than the number of cache files in the DFS cache base directory.

System Action: The program continues.

Administrator Response: None.

IOEC04118I   DFSD: cannot delete '*Name*' (code *ErrorCode*).

Severity: svc_c_sev_warning

Explanation: The file *Name* cannot be deleted from the DFS cache base directory. The error code *ErrorCode* was set by the **remove** function.

System Action: The program continues.

Administrator Response: Examine the POSIX error value returned in the message to determine the source of the error If the cause of the problem cannot be determined, contact the service representative.

IOEC04119I   DFSD: creating '*Name*'.

Severity: svc_c_sev_notice

Explanation: The required file *Name* is being created in the DFS cache base directory because it does not exist.

System Action: The program continues.

Administrator Response: None.

IOEC04120I   DFSD: cannot create '*Name*' (code *ErrorCode*).

Severity: svc_c_sev_warning

Explanation: The file Name cannot be created in the DFS cache base directory. The dfsd internal error code ErrorCode is shown.

System Action: The program continues.

Administrator Response: Contact the service representative.

IOEC04121I   DFSD: closing cache directory.

Severity: svc_c_sev_notice

Explanation: The DFS cache base directory is closing.

System Action: The program continues.

Administrator Response: None.

IOEC04122A DFSD: specify a blocks value greater than zero.

Severity: svc_c_sev_error

Explanation: The specified **-blocks** parameter value is not valid. **-blocks** must be greater than 0.

System Action: The program ends.

Administrator Response: Restart the DFS cache manager with a valid value for **-blocks**.

IOEC04123A DFSD: specify a files value greater than zero.

Severity: svc_c_sev_error

Explanation: The specified **-files** parameter value is not valid. **-files** must be greater than 0.

System Action: The program ends.

Administrator Response: Restart the DFS cache manager with a valid value for **-files**.

IOEC04124A DFSD: specify a value for the rootfileset switch.

Severity: svc_c_sev_error

Explanation: A value must be specified for the **-rootfileset** switch. The root fileset must be a non-empty string.

System Action: The program ends.

Administrator Response: Restart the DFS cache manager with a valid value for **-rootfileset**.

IOEC04125A DFSD: specify a mainprocs value greater than zero.

Severity: svc_c_sev_error

Explanation: The specified **-mainprocs** parameter value is not valid. **-mainprocs** must be greater than 0.

System Action: The program ends.

Administrator Response: Restart the DFS cache manager with a valid value for **-mainprocs**.

IOEC04126I   DFSD: incorrect chunk size *ChunkSize* specified; using default.

Severity: svc_c_sev_warning

Explanation: The specified **-chunksize** parameter value is not valid. The default of 8K bytes will be used for memory cache, and 64K will be used for disk caching. The **-chunksize** must be a number between 0 and 20 which yields 2 raised to the **-chunksize** kilboytes cache chunk size.

System Action: The program continues.

Administrator Response: None.

IOEC04127A DFSD: dcache size must be at least *MinSize***.**

Severity: svc_c_sev_error

Explanation: The specified **-dcache** parameter value is not valid. **-dcache** must be at least *MinSize*.

System Action: The program ends.

Administrator Response: Restart the DFS cache manager with a valid value for **-dcache**.

IOEC04128A DFSD: specify a value for the rootcell parameter.

Severity: svc_c_sev_error

Explanation: A value must be specified for the **-rootcell** parameter. The root cell name must be a non-empty string.

System Action: The program ends.

Administrator Response: Restart the DFS cache manager with a valid value for **-rootcell**.

IOEC04129A DFSD: specify a tokenprocs value greater than zero.

Severity: svc_c_sev_error

Explanation: The specified **-tokenprocs** parameter value is not valid. **-tokenprocs** must be greater than 0.

System Action: The program ends.

Administrator Response: Restart the DFS cache manager with a valid value for **-tokenprocs**.

IOEB04130A DFSD: specify an ioprocs value greater than zero.

Severity: svc_c_sev_error

Explanation: The specified **-ioprocs** parameter value is not valid. **-ioprocs** must be greater than 0.

System Action: The program ends.

Administrator Response: Restart the DFS cache manager with a valid value for **-ioprocs**.

IOEC04131A DFSD: specify a namecachesize value greater than zero.

Severity: svc_c_sev_error

Explanation: The specified **-namecachesize** parameter value is not valid. **-namecachesize** must be greater than 0.

System Action: The program ends.

Administrator Response: Restart the DFS cache manager with a valid value for **-namecachesize**.

IOEC04132A DFSD: unable to open cacheinfo file.

Severity: svc_c_sev_error

Explanation: The dfsd program either cannot open the dcelocal/etc/CacheInfo file or finds a syntax error in the file.

System Action: The program ends.

Administrator Response: Ensure that the dcelocal/etc/CacheInfo file exists, that dfsd has read permission to the file and contains the correct information.

IOEC04133A DFSD: mount point '*MountDir***' does not exist.**

Severity: svc_c_sev_error

Explanation: The mount point *MountDir* for the DFS file system does not exist. This mount point must exist for the cache manager to initialize. The mount point is specified in the dcelocal/etc/CacheInfo file or with the **-mountdir** parameter to dfsd.

System Action: The program ends.

Administrator Response: Ensure that the mount directory specified in the dcelocal/etc/CacheInfo file or **-mountdir** parameter exists.

IOEC04134A DFSD: unable to set cache blocks and dcache size simultaneously when diskless.

Severity: svc_c_sev_error

Explanation: The '**-dcache**' and '**-blocks**' parameters cannot be specified at the same time.

System Action: The program ends.

Administrator Response: Restart the cache manager specifying either the '**-dcache**' or the '**-blocks**' parameter but not both.

IOEC04135A DFSD: cache device '*DevNum***' not found.**

Severity: svc_c_sev_error

Explanation: Disk caching was requested but the disk cache aggregate device *DevNum* does not exist.

System Action: The program ends.

Administrator Response: Ensure that the disk cache aggregate exists and is defined in the devtab file, then restart cache manager.

IOEC04136A DFSD: number of 1K blocks
(*NumBlocks***) must be equal or greater**
than chunkSize (*ChunkSize***).**

Severity: svc_c_sev_error

Explanation: The number of 1K blocks in the cache must be equal to or greater than the chunk size. A minimum of one full chunk is required in the cache.

System Action: The program ends.

Administrator Response: Ensure that the number of blocks in the cache is equal to the size of one chunk. Additional information about how to set the number of cache blocks and the chunk size is found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915.

IOEC04137A DFSD: malloc() error with insufficient
storage for cache inode table with
***NumEntries* entries.**

Severity: svc_c_sev_error

Explanation: The dfsd program cannot obtain the storage required for cache manager initialization.

System Action: The program ends.

Administrator Response: Restart the cache manager with a larger region size.

IOEC04138I DFSD: *NumEntries* **flags_for_V entries**
at *Address***,** *NumBytes* **bytes.**

Severity: svc_c_sev_notice

Explanation: The dfsd program obtained the storage required for cache manager initialization. This debug message and is only issued if **-verbose** or **-debug** parameters were specified on the dfsd command line

System Action: The program continues.

Administrator Response: None.

IOEC04139I DFSD: cannot get the local cell name:
ErrorCode.**

Severity: svc_c_sev_error

Explanation: The dfsd program cannot obtain the local cell name. The return code *ErrorCode* from the **dce_cf_get_cell_name** function is shown.

System Action: The program ends.

Administrator Response: Additional information is found in the *z/OS: DCE Application Development Reference*, SC24-5908.

IOEC04140I DFSD: cell name '*CellName***' must start**
with '/.../'!

Severity: svc_c_sev_warning

Explanation: The cell name *CellName* returned from the **dce_cf_get_cell_name** function does not start with the required '/.../'.

System Action: The program continues.

Administrator Response: None.

IOEC04141I DFSD: starting TKN Server.

Severity: svc_c_sev_notice

Explanation: The dfsd program is registering the TKN interface with the RPC runtime. This message is only issued if the **-debug** or **-verbose** parameters were set on the dfsd command line.

System Action: The program continues.

Administrator Response: None.

IOEC04142A DFSD: unable to register the TKN
server (code *Errno***).**

Severity: svc_c_sev_error

Explanation: The dfsd program cannot register the TKN interface with the RPC runtime. *Errno* is the setting of the C errno variable.

System Action: The program ends.

Administrator Response: Contact the service representative.

IOEC04143I DFSD: starting DFS main thread.

Severity: svc_c_sev_notice

Explanation: The dfsd program is starting the main cache manager thread responsible for periodic cache manager functions. This message is only issued if the **-debug** or **-verbose** parameters were specified on the dfsd command line.

System Action: The program continues.

Administrator Response: None.

IOEC04144I DFSD: starting *NumThreads*
background I/O threads.

Severity: svc_c_sev_notice

Explanation: The dfsd program is starting *NumThreads* background I/O daemons responsible for reading or writing user data to DFS servers. This message is only issued if the **-debug** or **-verbose** parameters were specified on the dfsd command line.

System Action: The program continues.

Administrator Response: None.

**IOEC04145I DFSD: calling CMOP_ROOTVOLUME
with '***FilesetName***'.**

Severity: svc_c_sev_notice

Explanation: The dfsd program is initializing for the root fileset *FilesetName*. This message only is only issued if the **-rootfileset** parameter and either the **-debug** or **-verbose** parameters were specified on the dfsd command line.

System Action: The program continues.

Administrator Response: None.

**IOEC04146A DFSD: unable to set root fileset (code
Errno).**

Severity: svc_c_sev_error

Explanation: The dfsd program is unable to set the root fileset, *Errno* is the setting of the C errno variable.

System Action: The program ends.

Administrator Response: Contact the service representative.

**IOEC04147I DFSD: calling CMOP_ROOTCELL with
'***CellName***'.**

Severity: svc_c_sev_notice

Explanation: The dfsd program is initializing for the root cell *CellName*. This message is only issued if the **-rootcell** parameter and either the **-debug** or **-verbose** parameters were specified on the dfsd command line.

System Action: The program continues.

Administrator Response: None.

**IOEC04148A DFSD: unable to set root cell (code
Errno).**

Severity: svc_c_sev_error

Explanation: The dfsd program is unable to set the root cell, *Errno* is the setting of the C errno variable.

System Action: The program ends.

Administrator Response: Contact the service representative.

**IOEC04149I DFSD: calling CMOP_CACHEINIT:
NumStat stat cache entries, *NumFiles*.**

Severity: svc_c_sev_notice

Explanation: The dfsd program is initializing the cache manager caches with *NumStat* status cache entries and *NumFiles* cache files. This message is only issued if the **-debug** or **-verbose** parameters were specified on the dfsd command line.

System Action: The program continues.

Administrator Response: None.

**IOEC04150I *NumBlocks* blocks used to initialize the
cache.**

Severity: svc_c_sev_notice

Explanation: *NumBlocks* blocks were used to initialize the cache manager cache. This message is only issued if the **-debug** or **-verbose** parameters were specified on the dfsd command line.

System Action: The program continues.

Administrator Response: None.

**IOEC04151I flags = *Flags*, dcache entries
NumDcache.**

Severity: svc_c_sev_notice

Explanation: The cache manager cache is being intialized with *NumDcache* dcache entries. *Flags* are cache manager internal flags. This message is only issued if the **-debug** or **-verbose** parameters were specified on the dfsd command line.

System Action: The program continues.

Administrator Response: None.

**IOEC04152A DFSD: unable to initialize cache (code
Errno).**

Severity: svc_c_sev_error

Explanation: The dfsd program cannot initialize the cache manager caches. Errno is the setting of the C errno variable.

System Action: The program ends.

Administrator Response: Contact the service representative

**IOEC04153I DFSD: sweeping files in cache base
directory.**

Severity: svc_c_sev_notice

Explanation: The cache manager cache base directory is being swept to ensure that all the required cache files exist. Files that are missing will be created and extraneous files will be deleted. This message is only issued if the **-debug** or **-verbose** parameters were specified on the dfsd command line.

System Action: The program continues.

Administrator Response: None.

IOEC04154I DFSD: starting sweep of disk cache files.

Severity: svc_c_sev_notice

Explanation: The cache manager cache base directory is being swept to ensure that all the required cache files exist. Files that are missing will be created and extraneous files will be deleted.

System Action: The program continues.

Administrator Response: None.

IOEC04155A DFSD: error on sweep *SweepNo* of DFS cache base directory.

Severity: svc_c_sev_error

Explanation: An error was encountered while sweeping the DFS cache base directory files. *SweepNo* is the sweep iteration. This message may be preceded with additional messages giving more details on the cause of the error.

System Action: The program ends.

Administrator Response: Use this and any preceding messages to determine the cause of the error. If problem continues, contact the service representative.

IOEC04156I DFSD: *NumFound* out of *NumRequired* cache files found in sweep *SweepNo*.

Severity: svc_c_sev_notice

Explanation: The dfsd program found *NumFound* data cache files out of *NumRequired* required for the cache manager to initialize during sweep *SweepNo*. This message is only issued if the **-debug** or **-verbose** parameters were specified on the dfsd command line.

System Action: The program continues.

Administrator Response: None.

IOEC04157I DFSD: calling CMOP_CACHEINFO: cache items file is '*FileName*'.

Severity: svc_c_sev_notice

Explanation: The dfsd program is initializing the cache items file *FileName* in the DFS cache base directory. This message is only issued if the **-debug** or **-verbose** parameters were specified on the dfsd command line.

System Action: The program continues.

Administrator Response: None.

IOEC04158A DFSD: unable to initialize CacheItems '*FileName*' (code Errno).

Severity: svc_c_sev_error

Explanation: The dfsd program is unable to initialize

the DFS cache items file. *Errno* is the setting of the C errno variable.

System Action: The program ends.

Administrator Response: Contact the service representative.

IOEC04159I DFSD: calling CMOP_VOLUMEINFO: volume information file is '*FileName*'

Severity: svc_c_sev_notice

Explanation: The dfsd program is initializing the volume information file *FileName* in the DFS cache base directory. This message is only issued if the **-debug** or **-verbose** parameters were specified on the dfsd command line.

System Action: The program continues.

Administrator Response: None.

IOEC04160A DFSD: unable to initialize FilesetItems '*FileName*' (code *Errno*).

Severity: svc_c_sev_error

Explanation: The dfsd program is unable to initialize the DFS fileset items file *FileName*. *Errno* is the setting of the C errno variable.

System Action: The program ends.

Administrator Response: Contact the service representative.

IOEC04161I DFSD: calling CMOP_CACHEINODE for each of *NumFiles* files in disk device *DevNum*.

Severity: svc_c_sev_notice

Explanation: The dfsd program is initializing *NumFiles* cache inode files in the DFS cache device *DevNum*. This message is only issued if the **-debug** or **-verbose** parameters were specified on the dfsd command line.

System Action: The program continues.

Administrator Response: None.

IOEC04162A DFSD: unable to setup cache inodes (code *Errno*).

Severity: svc_c_sev_error

Explanation: The dfsd program is unable to initialize a cache inode file. *Errno* is the setting of the C errno variable.

System Action: The program ends.

Administrator Response: Contact the service representative.

IOEC04163I DFSD: calling CMOP_GO to start cache manager threads.

Severity: svc_c_sev_notice

Explanation: The dfsd program is starting the main and background I/O cache manager threads. This message is only issued if the **-debug** or **-verbose** parameters were specified on the dfsd command line.

System Action: The program continues.

Administrator Response: None.

IOEC04164A DFSD: unable to initialize cache manager threads - exiting.

Severity: svc_c_sev_error

Explanation: The dfsd program is unable to start the main and background I/O cache manager threads.

System Action: The program ends.

Administrator Response: Contact the service representative.

IOEC04166I DFSD: all DFS cache manager threads started.

Severity: svc_c_sev_notice

Explanation: The dfsd program has successfully started all of the cache manager threads.

System Action: The program continues.

Administrator Response: None.

IOEC04167I DFSD: mounting the DFS root on '*MountPoint*'.

Severity: svc_c_sev_notice

Explanation: The dfsd program is mounting the DFS file system root on mount point *MountPoint*. This message is only issued if the **-debug** or **-verbose** parameters were specified on the dfsd command line.

System Action: The program continues.

Administrator Response: None.

IOEC04168A DFSD: cannot mount DFS on *MountPoint* (code *Errno*).

Severity: svc_c_sev_error

Explanation: The dfsd program cannot mount the DFS file system root on mount point *MountPoint*. *Errno* is the value of the errno variable set by the Open Edition **mount** function.

System Action: The program ends.

Administrator Response: Contact the service representative.

IOEC04169A DFSD: specify a junctionlife of at least 30 seconds, default is *Default*.

Severity: svc_c_sev_error

Explanation: The specified **-junctionlife** parameter value that was not valid or is less than the minimum of 30 seconds. *Default* is the default value of this parameter.

System Action: The program ends.

Administrator Response: Restart the cache manager with a valid value for the **-junctionlife** parameter.

IOEC04170A DFSD: specify a prefix life of at least 30 seconds, default is *Default*.

Severity: svc_c_sev_error

Explanation: The specified **-prefixlife** parameter is not valid or is less than the minimum of 30 seconds. *Default* is the default value of this parameter.

System Action: The program ends.

Administrator Response: Restart the cache manager with a valid value for the **-prefixlife** parameter.

IOEC04171A DFSD: specify a notfound life of at least 30 seconds, default is *Default*.

Severity: svc_c_sev_error

Explanation: The specified **-notfound** parameter value is not valid or is smaller than the minimum of 30 seconds. *Default* is the default value of this parameter.

System Action: The program ends.

Administrator Response: Restart the cache manager with a valid value for the **-notfound** parameter.

IOEC04172A DFSD: a maximum of 44 characters can be specified for mountfilesystem.

Severity: svc_c_sev_error

Explanation: The specified **-mountfilesystem** name is longer than the maximum length of 44 characters.

System Action: The program ends.

Administrator Response: Restart the cache manager with a valid value for the **-mountfilesystem** parameter.

IOEC04173A DFSD: Translation type - *BadValue*, is not valid.

Severity: svc_c_sev_error

Explanation: The specified **-translation** parameter value is not valid. The valid translation parameter values are '**text**' or '**binary**'.

System Action: The program ends.

Administrator Response: Restart the cache manager

with a valid value for the **-translation** parameter.

IOEC04174A DFSD: Error creating RPC listen thread, code = *ErrorCode***.**

Severity: svc_c_sev_error

Explanation: The dfsd program cannot create the RPC listen thread. *ErrorCode* is the return code from the DCE **pthread_create** function.

System Action: The program ends.

Administrator Response: Additional information about the **pthread_create** function return code is found in the *z/OS: DCE Application Development Reference*, SC24-5908.

IOEC04175A DFSD: Error creating main cache manager thread, code = *ErrorCode***.**

Severity: svc_c_sev_error

Explanation: The dfsd program cannot create the main cache manager thread. *ErrorCode* is the return code from the DCE **pthread_create** function.

System Action: The program ends.

Administrator Response: Additional information about the pthread_create function return code is found in the *z/OS: DCE Application Development Reference*, SC24-5908.

IOEC04176A DFSD: Error creating background I/O thread, code = *ErrorCode***.**

Severity: svc_c_sev_error

Explanation: The dfsd program cannot create a background I/O thread. *ErrorCode* is the return code from the DCE **pthread_create** function.

System Action: The program ends.

Administrator Response: Additional information about the **pthread_create** function return code is found in the *z/OS: DCE Application Development Reference*, SC24-5908.

IOEC04177A DFSD: Error *Errno* **starting cache manager request thread.**

Severity: svc_c_sev_error

Explanation: The dfsd program is starting the cache manager file operations request threads. Errno is the return code from the z/OS UNIX **pthread_create** function.

System Action: The program ends.

Administrator Response: Additional information about the **pthread_create** function return code is found in the *z/OS: DCE Application Development Reference*,

---

SC24-5908. If the problem continues, contact the service representative.

IOEC04178I DFSD: error unmounting DFS, errno = *Errno***.**

Severity: svc_c_sev_warning

Explanation: The dfsd program cannot unmount the DFS file system root. *Errno* is the value of the UNIX System Services errno variable set by the z/OS UNIX **umount** function.

System Action: The program continues.

Administrator Response: Additional information about the meaning of the errno set by **umount** is found in the *z/OS: DCE Application Development Reference*, SC24-5908.

IOEC04179A *PgmName***: Cannot retrieve named token, ieantrt code =** *ErrorCode***.**

Severity: svc_c_sev_error

Explanation: The *PgmName* program cannot retrieve a named token with the MVS **ieantrt** function, *ErrorCode* is the return code of the **ieantrt** function.

System Action: The program ends.

Administrator Response: Contact your service representative.

IOEC04180A *PgmName***: Error reading dfsparms file, code =** *ErrorCode***.**

Severity: svc_c_sev_error

Explanation: The *PgmName* program encountered an error reading the cache manager dfsparms file. This message may be preceded by additional messages detailing the exact cause of the error.

System Action: The program ends.

Administrator Response: Refer to the additional messages to determine the cause of the error. Correct the error in the cache manager dfsparms file and restart the cache manager.

IOEC04181A DFSD: Cannot set up exit routine.

Severity: svc_c_sev_error

Explanation: The dfsd program cannot set up the cache manager exit routine. This is required for proper cache manager function.

System Action: The program ends.

Administrator Response: Contact the service representative.

IOEC04182A DFSD: Cannot set up console thread.

Severity: svc_c_sev_error

Explanation: The dfsd program cannot set up the cache manager console thread. This is required for the cache manager to be able to accept modify commands.

System Action: The program ends.

Administrator Response: Contact the service representative.

IOEC04183I DFSD: initialization complete.

Severity: svc_c_sev_notice

Explanation: The dfsd program has fully installed and initialized the DFS cache manager.

System Action: The program continues.

Administrator Response: None.

IOEC04184I DFSD: ending with return code
                ExitCode.

Severity: svc_c_sev_notice

Explanation: The dfsd program is ending with code *ExitCode*.

System Action: The program continues.

Administrator Response: None.

IOEC04185I DFSD: text translation requested but
                code page does not map.

Severity: svc_c_sev_warning

Explanation: The request to translate the incoming and outgoing data between the wire format (ISO8859-1) and the local code page cannot be completed because the code page does not map to the wire format. If data is translated between the local code page and the wire format and then translated back to the local code page, the resulting data will not be the same as the original. This is a problem if binary files were transported between the local system and other systems.

System Action: The program continues.

Administrator Response: If binary files are to be shipped between the local systems, then the dfsd program should be run again without text translation.

IOEC04186A DFSD: Error occured in *ErrorFunction*
                function while obtaining translation
                tables.

Severity: svc_c_sev_error

Explanation: An error occurred while attempting to obtain the translation tables for the dfsd. These translation tables are needed to convert directory contents to the local character set. Without these tables,

dfsd cannot function properly. *ErrorFunction* is the function that reported an error.

System Action: The program ends.

Administrator Response: Report the problem to the service representative.

IOEC04187A DFSD: Error *ErrorCode* **returned from**
                pthread_keycreate function.

Severity: svc_c_sev_error

Explanation: An error occurred while attempting to create the required thread specific storage for the dfsd main thread initialization. *ErrorCode* is the return code from the **pthread_keycreate** function.

System Action: The program ends.

Administrator Response: Report the problem to the service representative.

IOEC04188A DFSD: Error *ErrorCode* **returned from**
                pthread_setspecific function.

Severity: svc_c_sev_error

Explanation: An error occured while attempting to create the required thread specific storage for the dfsd main thread initialization. *ErrorCode* is the return code from the **pthread_setspecific** function.

System Action: The program ends.

Administrator Response: Report the problem to the service representative.

IOEC04189A DFSD: Error *ErrorCode* **returned from**
                pthread_create function.

Severity: svc_c_sev_error

Explanation: An error occured while attempting to create a required thread to handle syncs of the DFS cache manager disk cache during dfsd initialization. *ErrorCode* is the return code from the **pthread_create** function.

System Action: The program ends.

Administrator Response: Additional information about the pthread_create return code is found in the *z/OS: DCE Application Development Reference*, SC24-5908. If the return code indicates an out of storage condition, try running the DFS cache manager with a large region size. For any other return code, or if the problem continues, contact the service representative.

IOEC04190A DFSD: Error *Errno* **returned from**
                aggregate attach.

Severity: svc_c_sev_error

Explanation: An error occured while attempting to

attach the Episode aggregate used by the DFS cache manager for dfsd initialization if disk caching is requested. *Errno* is the errno value.

System Action: The program ends.

Administrator Response: If the error number indicates that the device does not exist, then make sure an existing Episode aggregate number is specified on the dfsd command line. For any other error contact the service representative.

IOEC04191A DFSD: cache manager disk cache aggregate was not found or incorrect.

Severity: svc_c_sev_error

Explanation: The aggregate must contain the single required fileset used for cache manager disk caching during initialization.

System Action: The program ends.

Administrator Response: Verfiy that the appropriate aggregate for cache manager disk caching is specified on the dfsd command line, then restart the cache manager.

IOEC04192A DFSD: error *Errno* occurred while obtaining fileset information.

Severity: svc_c_sev_error

Explanation: Error *Errno* occurred while obtaining fileset information from the cache manager Episode aggregate.

System Action: The program ends.

Administrator Response: Contact the service representative.

IOEC04193A DFSD: error *Errno* occurred while creating cache manager fileset.

Severity: svc_c_sev_error

Explanation: Error *Errno* occurred while attempting to create the cache manager fileset used for disk caching.

System Action: The program ends.

Administrator Response: Contact the service representative.

IOEC04194A DFSD: error *Errno* occurred while locating cache manager fileset.

Severity: svc_c_sev_error

Explanation: Error *Errno* occurred while attempting to locate the cache manager fileset used for disk caching.

System Action: The program ends.

Administrator Response: Contact the service representative.

IOEC04195I DFSD: error *Errno* occurred while detaching cache manager aggregate.

Severity: svc_c_sev_notice

Explanation: Error *Errno* occurred while attempting to detach the cache manager aggregate used for disk caching during termination.

System Action: The program continues.

Administrator Response: None.

IOEC04196A DFSD: cachedir must specify valid device number.

Severity: svc_c_sev_error

Explanation: The **-cachedir parameter** specified for the device value must be a positive whole number.

System Action: The program ends.

Administrator Response: Restart the DFS cache manager with a valid value for **-cachedir**.

IOEC04197A DFSD: Error *Errno*, reason *Reason* starting login process.

Severity: svc_c_sev_error

Explanation: The dfsd program cannot start all of the required login processes. The error number and reason code are returned by the z/OS UNIX **attach_execmvs** function.

System Action: The program ends.

Administrator Response: If the problem continues, contact the service representative.

IOEC04198I DFSD: successfully started login process, process ID is *Pid*.

Severity: svc_c_sev_notice

Explanation: The dfsd program successfully started the DCE login process used for local DFS users.

System Action: The program continues.

Administrator Response: None.

IOEC04199I DFSD: login process ended, process ID is *Pid*.

Severity: svc_c_sev_notice

Explanation: The dfsd program determined that the login process ended. This message appears during normal client termination, as well when the DFS login process ends abnormally.

System Action: The program continues.

Administrator Response: None.

IOEC04200I DFSLOGIN: process ID *Pid* **is ready for requests.**

Severity: svc_c_sev_notice

Explanation: The DFS login process is ready to process requests to perform automatic DCE login for local MVS users.

System Action: The program continues.

Administrator Response: None.

IOEC04201I DFSD: automatic restart of DFS client will be performed.

Severity: svc_c_sev_notice

Explanation: The DFS client determined that a program exception has occurred and is in the process of terminating. It will request that OMVS restart the DFS client automatically upon termination.

System Action: The program continues.

Administrator Response: None.

IOEC04202A DFSD: Log setting - *BadValue***, is not correct.**

Severity: svc_c_sev_error

Explanation: The **-log** parameter value specified is incorrect. The correct message logging parameter values are 'on' or 'off'.

System Action: The program ends.

Administrator Response: Restart the cache manager with a correct value for the -log parameter.

IOEC04203I DFSD: Callback hint address *ipaddr* **is not correct. The callback hint address specified will be ignored.**

Severity: svc_c_sev_notice

Explanation: The **-callback_hint** parameter value specified is incorrect. The value specified is not in the IP network address dot notation format. For example, (130.12.34.5).

System Action: The program continues.

Administrator Response: Restart the cache manager with a correct value for the **-callback_hint** parameter.

IOEC04204I DFSD: increasing the number of cacheFiles from *old* **to** *new***.**

Severity: svc_c_sev_notice

Explanation: The dfsd program is increasing the number of cacheFiles to accomodate the storage available in the cache. This is an informational message displayed only when the **-debug** or **-verbose** option is specified on the dfsd command line.

System Action: The program continues.

Administrator Response: None.

IOEC04205I DFSD: decreasing the number of cacheFiles from *old* **to** *new***.**

Severity: svc_c_sev_notice

Explanation: The dfsd program is decreasing the number of cacheFiles to accomodate the storage available in the cache. This is an informational message displayed only when the **-debug** or **-verbose** option is specified on the dfsd command line.

System Action: The program continues.

Administrator Response: None.

IOEC04206I DFSD: *CacheInfo* **not found. Default CacheInfo parameters will be used.**

Severity: svc_c_sev_notice

Explanation: The Cache Manager initial configuration file /opt/dcelocal/etc/CacheInfo file was not found. Therefore the following default configuration parameters will be used:

- Mount Directory: **/...**
- Disk Cache Minor Device Number: **998**
- Number of 1K Cache Blocks: **8000**

System Action: The program continues.

IOEC04207A DFSD: an error occured in program IOECMINI, terminating client.

Severity: svc_c_sev_error

Explanation: The DFS/MVS client has determined that a program exception has occured in program IOECMINI and is in the process of terminating. Additional messages will indicate if the DFS/MVS client will automatically restart itself.

System Action: The program continues.

Administrator Response: If the problem persists, contact the service representative.

IOEC04208A DFSD: an error occured in program IOEDFSD, terminating client.

Severity: svc_c_sev_error

Explanation: The DFS/MVS client has determined that a program exception has occured in program IOEDFSD and is in the process of terminating. Additional messages will indicate if the DFS/MVS client will automatically restart itself.

System Action: The program continues.

Administrator Response: If the problem persists, contact the service representative.

IOEC04209A DFSD: operator stop command received.

Severity: svc_c_sev_notice

Explanation: The DFS/MVS client has received an operator stop command and is in the process of stopping. The client must be manually restarted by the operator.

System Action: The program continues.

Administrator Response: None.

IOEC04210A DFSD: z/OS UNIX stop command received.

Severity: svc_c_sev_notice

Explanation: The DFS/MVS client has received a stop request from the z/OS UNIX kernel. The client must be manually restarted by the operator.

System Action: The program continues.

Administrator Response: None.

IOEC04211A DFSD: Error opening file *attrfile* **- errno = ** *errno***.**

Severity: svc_c_sev_error

Explanation: The dfsd program cannot open the Cache Manager Attributes file. This file is specified by the environment variable _IOE_CM_ATTRIBUTES_FILE in the DFSCM envar file.

System Action: The program ends.

Administrator Response: Use the **errno** value to resolve the problem, then restart the Cache Manager.

IOEC04212A DFSD: The line '*attrfile_line***' is not valid in file attrfile.**

Severity: svc_c_sev_error

Explanation: The dfsd program encountered a line in the Cache Manager Attributes file that is not in the correct format. This file is specified in the environment variable _IOE_CM_ATTRIBUTES_FILE in the DFSCM envar file. Possible causes for this problem are the line exceeded the maximum line length of 1024 or the line does not contain enough tokens. A minimum of 4 tokens are required.

System Action: The program ends.

Administrator Response: Correct the specified Cache Manager Attributes file then restart the Cache Manager. Additional information about the format of the Cache Manager Attributes file is found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915.

IOEC04213A DFSD: The suffix '*suffix***' in line number** *line_number* **is not valid in file** *attrfile***.**

Severity: svc_c_sev_error

Explanation: The dfsd program encountered a specified suffix in the Cache Manager Attributes file that is not in the correct format. This attributes file is specified in the environment variable _IOE_CM_ATTRIBUTES_FILE in the DFSCM envar file.

System Action: The program ends.

Administrator Response: Correct the specified Cache Manager Attributes file, then restart the Cache Manager. Additional information about the format of the Cache Manager Attributes file is found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915.

IOEC04214A DFSD: The suffix '*suffix***' conflicts with the previous use in file** *attrfile***.**

Severity: svc_c_sev_error

Explanation: The dfsd program encountered a suffix in the Cache Manager Attributes file that conflicts with a previous use of the same suffix. The suffix cannot be specified as both binary and ebcdic. The Cache Manager Attributes file is specified in the environment variable _IOE_CM_ATTRIBUTES_FILE in the DFSCM envar file.

System Action: The program ends.

Administrator Response: Correct the specified Cache Manager Attributes file, and restart the Cache Manager. Additional information about the format of the Cache Manager Attributes file is found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915.

IOEC04215I DFSD: The suffix '*suffix***' in line number** *line_num* **in file** *attrfile* **is ignored.**

Severity: svc_c_sev_notice

Explanation: The dfsd program encountered an incorrect special suffix in the Cache Manager Attributes file. This attributes file is specified in the environment variable _IOE_CM_ATTRIBUTES_FILE in the DFSCM envar file.

System Action: The program continues.

Administrator Response: None.

IOEC04216I DFSD: *"protect_level"* **' is not a valid initiallocalprotectlevel value.**

Severity: svc_c_sev_notice

Explanation: The RPC authentication level is not correct. Verify that the RPC authentication level falls between **rpc_protect_level_default(0)** and **rpc_protect_level_cdmf_privacy(7)** for the

_IOE_CM_PARMS variable, *-initiallocalprotectlevel*, in the DFSCM envar file.

System Action: The program ends.

Administrator Response: None.

IOEC04217I   DFSD: *"protect_level"* **is not a valid minlocalprotectlevel value**

Severity: svc_c_sev_notice

Explanation: The RPC authentication level is not correct. Verify that the RPC authentication level falls between **rpc_protect_level_default(0)** and **rpc_protect_level_cdmf_privacy(7)** for the _IOE_CM_PARMS variable, *-minlocalprotectlevel*, in the DFSCM envar file.

System Action: The program ends.

Administrator Response: None.

IOEC04218I   DFSD: *"protect_level"* **is not a valid initialremoteprotectlevel value**

Severity: svc_c_sev_notice

Explanation: The RPC authentication level is not correct. Verify that the RPC authentication level falls between **rpc_protect_level_default(0)** and **rpc_protect_level_cdmf_privacy(7)** for the _IOE_CM_PARMS variable, *-initialremoteprotectlevel*, in the DFSCM envar file.

System Action: The program ends.

Administrator Response: None.

IOEC04219I   DFSD: *"protect_level"* **is not a valid minremoteprotectlevel value**

Severity: svc_c_sev_notice

Explanation: The RPC authentication level is not correct. Verify that the RPC authentication level falls between **rpc_protect_level_default(0)** and **rpc_protect_level_cdmf_privacy(7)** for the _IOE_CM_PARMS variable, *-minremoteprotectlevel*, in the DFSCM envar file.

System Action: The program ends.

Administrator Response: None.

IOEC04220I   DFSD: minlocalprotectlevel (*min_protect_level***) must not exceed initiallocalprotectlevel** *init_local_level***).**

Severity: svc_c_sev_notice

Explanation: The RPC authentication level overlap for initiallocalprotectlevel and minlocalprotectlevel is not correct. Verify that the _IOE_CM_PARMS environment variable for the **-initiallocalprotectlevel** value is greater than or equal to the *-minlocalprotectlevel* value.

System Action: The program ends.

Administrator Response: None.

IOEC04221I   DFSD: minremoteprotectlevel (*min_protect_level***) must not exceed initialremoteprotectlevel** *init_remote_level***)**

Severity: svc_c_sev_notice

Explanation: The RPC authentication level overlap for initialremoteprotectlevel and minremoteprotectlevel is not correct. Verify that the _IOE_CM_PARMS environment variable for the *-initialremoteprotectlevel* value is greater than or equal to the *-minremoteprotectlevel* value.

System Action: The program ends.

Administrator Response: None.

IOEC04222I   DFSD: cannot get the local host name: *local_host_addr*

Severity: svc_c_sev_notice

Explanation: DFSCM was unable to get the name of the machine principal.

System Action: The program ends.

Administrator Response: None.

IOEC04223I   DFSD: cannot allocate memory for the principal name.

Severity: svc_c_sev_notice

Explanation: Insufficient free storage exists for DFSCM. Check to ensure that sufficient storage exists in the operating system or that sufficient storage has been defined in the DFSCM start up procedure.

System Action: The program ends.

Administrator Response: None.

IOEC04224I   DFSLOGIN: Auto login of user *mvsId* **unsuccessful: (code =** *interface_id*, *return_code*, *reason_code*)

Severity: svc_c_sev_notice

Explanation: The auto login performed by the DFS login process failed due to the reason specified. The user will now be unauthenticated. One possible cause is that the password for the specified user stored in the security product is either not present, incorrect, or expired. Another reason could be that a prior **dce_login** was not performed, and DCE single sign-on is not enabled.

System Action: The program continues.

Administrator Response: None.

IOEC04225I DFSLOGIN: Obtaining pag of user
mvsId **failed:** *error_text*

Severity: svc_c_sev_notice

Explanation: The sec_login_inq_pag call performed by the DFS login process to obtain the new pag of the specified user has failed for the given reason. The user will now be unauthenticated.

System Action: The program continues.

Administrator Response: None.

IOEC04226A DFSD: Error opening file *filesets_file* **-**
errno = *errno*.

Severity: svc_c_sev_error

Explanation: The dfsd program cannot open the Cache Manager Attributes fileset list file. This file is specified by the environment variable _IOE_CM_ATTRIBUTES_FILESETS in the DFSCM envar file.

System Action: The program ends.

Administrator Response: Use the **errno** value to resolve the problem, then restart the Cache Manager.

IOEC04227A DFSD: The line '*file_line*' **is not valid in**
file *file*.

Severity: svc_c_sev_error

Explanation: The dfsd program encountered a line in the Cache Manager Attributes fileset list file that is not in the correct format. This file is specified in the environment variable _IOE_CM_ATTRIBUTES_FILESETS in the DFSCM envar file. A possible cause for this problem is that the cellname is incorrectly specified, or the line does not contain a valid comment.

System Action: The program ends.

Administrator Response: Correct the specified file then restart the Cache Manager. Additional information about the format of the Cache Manager Attributes filesets file is found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915.

IOEC04228A DFSD: The codepage specified was not
available on this system.

Severity: svc_c_sev_error

Explanation: The specified **-codepage** parameter value is not valid. **-codepage** must be the name of an available codepage for this system.

System Action: The program ends.

Administrator Response: Restart the DFS cache manager with a valid value for **-codepage**.

IOEC04229A DFSD: The -codepage parameter is
missing a value.

Severity: svc_c_sev_error

Explanation: The specified **-codepage** parameter value is missing. **-codepage** must be the name of an available codepage for this system.

System Action: The program ends.

Administrator Response: Restart the DFS cache manager with a valid value for **-codepage**.

IOEC05001E *command***: Incorrect argument; it is**
possible that *pathname* **is not in DFS.**

Severity: svc_c_sev_error

Explanation: Either an incorrect argument was specified for the subcommand being entered, or the path and file name specified does not reside in DFS.

System Action: The request fails.

Administrator Response: Check the syntax of the subcommand and try the request again specifying correct arguments or specifying a path and file residing in DFS.

IOEC05002E *command***: Incorrect argument.**

Severity: svc_c_sev_error

Explanation: An incorrect argument was specified for the subcommand being entered.

System Action: The request fails.

Administrator Response: Check the syntax of the subcommand being entered and try the request again specifying correct arguments.

IOEC05003E *command***: File** '*file*' **does not exist.**

Severity: svc_c_sev_error

Explanation: The file name specified does not exist.

System Action: The request fails.

Administrator Response: Try the request again specifying a file name that exists in DFS.

IOEC05004I *command***: Unable to find eligible files.**

Severity: svc_c_sev_warning

Explanation: The subcommand cannot find eligible files to perform the action on.

System Action: The program continues.

Administrator Response: Try the request again at a later time.

IOEC05005E command: A backup fileset cannot be changed.

Severity: svc_c_sev_error

Explanation: The requested operation is not allowed on a backup fileset.

System Action: The request fails.

Administrator Response: Try the request again on the non-backup version of the fileset.

IOEC05006E command: Permission denied for 'file'.

Severity: svc_c_sev_error

Explanation: The access rights for the file specified are incorrect for this operation.

System Action: The request fails.

Administrator Response: Perform a **dce_login** to a DCE principal that has the proper authority, then try the request again.

IOEC05007E *command*: **Permission denied.**

Severity: svc_c_sev_error

Explanation: The access rights are incorrect for this operation.

System Action: The request fails.

Administrator Response: Perform a dce_login to a DCE principal that has the proper authority, then try the request again.

IOEC05008E *command*: **'***file***'**: *error_msg***.**

Severity: svc_c_sev_error

Explanation: An unexpected error occurred for the **CM** command entered. Use the error message given to correct the problem.

System Action: The request fails.

Administrator Response: If the problem cannot be corrected with the error information given, contact the service representative.

IOEC05009E *command*: *error_msg***.**

Severity: svc_c_sev_error

Explanation: An unexpected error occurred for the **CM** command entered. Use the error message given to correct the problem.

System Action: The request fails.

Administrator Response: If the problem cannot be corrected with the error information given, contact the service representative.

IOEC05011E *command*: **Cannot flush active file** *file***.**

Severity: svc_c_sev_error

Explanation: An error occurred flushing the file specified.

System Action: The request fails.

Administrator Response: Try the request again. If the problem continues, contact the service representative.

IOEC05020E *command*: **the fileset on which '***file***' resides does not exist.**

Severity: svc_c_sev_error

Explanation: The directory or file name specified does not exist.

System Action: The request fails.

Administrator Response: Try the request again specifying a directory or file name that exists in DFS.

IOEC05027E Error: unsupported address family: *family***.**

Severity: svc_c_sev_error

Explanation: The address information received for this command from the Cache Manager is in an incorrect format for the family indicated.

System Action: The request continues.

Administrator Response: If the problem continues, contact the service representative.

IOEC05028E *command*: **requested cache size too large (maximum cache size is** *size***).**

Severity: svc_c_sev_error

Explanation: The cache size specified is greater than the maximum size allowed.

System Action: The request fails.

Administrator Response: Try the request again with specifying a cache size less than or equal to the maximum cache size.

IOEC05029E *command*: **incorrect integer specified for cache size:** *size***.**

Severity: svc_c_sev_error

Explanation: The specified cache size is not in the correct format.

System Action: The request fails.

Administrator Response: Try the request again specifying an integer value.

IOEC05033E *command*: **unrecognized setdevok state:** *state*.

Severity: svc_c_sev_error

Explanation: The device state returned to this request from Cache Manager is not recognized.

System Action: The request fails.

Administrator Response: If the problem continues, contact the service representative.

IOEC05034E *command*: **unrecognized setuid state:** *state*.

Severity: svc_c_sev_error

Explanation: The setuid state returned to this request from Cache Manager is not recognized.

System Action: The request fails.

Administrator Response: If the problem continues, contact the service representative.

IOEC05037E Cell name, '*cell***', was not found.**

Severity: svc_c_sev_error

Explanation: The cell for the specified name was not found.

System Action: The request fails.

Administrator Response: Try the request again specifying a cell name in which the client is able to connect to that cell's DFS File Server.

IOEC05201I Message log initialized.

Severity: svc_c_sev_notice_verbose

Explanation: The Cache Manager message log file /opt/dcelocal/var/dfs/adm/CMLog has been successfully initialized.

System Action: Cache Manager continues.

IOEC05202E Cannot create message logging file *file*: **(errno =** *errno*).

Severity: svc_c_sev_error

Explanation: Messages cannot be logged because the program is unable to create and open the Cache Manager messages log file /opt/dcelocal/var/dfs/adm/CMLog.

System Action: Cache Manager terminates.

Administrator Response: Additional information about the errno value indicated is found in the *z/OS: C/C++ Run-Time Library Reference*, SA22-7821. Correct the problem, then attempt to start the Cache Manager again. If the problem continues, contact the service representative.

IOEC05203E RPC error received in *time* **seconds from Set Context call: (code =** *error_code*).

Severity: svc_c_sev_error

Explanation: A DCE RPC error caused an internal Cache Manager error.

System Action: Cache Manager continues with reduced capability.

Administrator Response: Additional information about the *error_code* is found in the *z/OS: DCE Messages and Codes*, SC24-5912. If the problem continues, contact the service representative.

IOEC05204E Set Context call failed: (code = *error_code*).

Severity: svc_c_sev_error

Explanation: An internal Cache Manager error has occurred for one of the following reasons:
- A DCE RPC error occurred, or
- A DFS File Server returned an unknown *error_code*.

System Action: Cache Manager continues with reduced capability.

Administrator Response: Additional information about the *error_code* is found in the *z/OS: DCE Messages and Codes*, SC24-5912. If the problem continues, contact the service representative.

IOEC05205E Incorrect protocol returned from Set Context call: (code = *error_code*).

Severity: svc_c_sev_error

Explanation: An incompatibility between the z/OS DFS Client and the DFS File Server resulted in an internal Cache Manager error.

System Action: Cache Manager continues with reduced capability.

Administrator Response: If the problem continues, contact the service representative.

IOEC05206E Cannot create binding from socket address: (code = *error_code*).

Severity: svc_c_sev_error

Explanation: An internal Cache Manager error occurred because a DCE RPC binding cannot be generated from a socket address. The *error_code* indicated in the message is from the invocation of one of the following DCE APIs:
- rpc_string_binding_compose()
- rpc_binding_from_string_binding()

System Action: Cache Manager continues with reduced capability.

Administrator Response: Additional information about the error_code indicated by the message, is found in the *z/OS: DCE Messages and Codes*, SC24-5912. If the problem continues, contact the service representative.

IOEC05207E Cannot set RPC call timeout value: (code = *error_code***).**

Severity: svc_c_sev_error

Explanation: An internal Cache Manager error occurred because a DCE runtime server response timeout value cannot be set for the connection to a DFS File Server. The error code indicated in the message is from the invocation of the following DCE API:

• rpc_mgmt_set_call_timeout()

System Action: Cache Manager continues with reduced capability.

Administrator Response: Additional information about the *error_code* indicated by the message, is found in the *z/OS: DCE Messages and Codes*, SC24-5912. If the problem continues, contact the service representative.

IOEC05208E Cannot set RPC binding timeout value: (code = *error_code***).**

Severity: svc_c_sev_error

Explanation: An internal Cache Manager error occurred because a DCE Runtime client communication attempt timeout value cannot be set for the connection to a DFS File Server. The *error_code* indicated in the message is from the invocation of the following DCE API:

• rpc_mgmt_set_com_timeout()

System Action: Cache Manager continues with reduced capability.

Administrator Response: Additional information about the error_code indicated by the message, is found in the *z/OS: DCE Messages and Codes*, SC24-5912. If the problem continues, contact the service representative.

IOEC05209E Cannot set RPC authentication and authorization information for user *userid***: (code =** *error_code***). Connection is now unauthenticated.**

Severity: svc_c_sev_warning

Explanation: Cache Manager cannot set DCE RPC authentication and authorization information for a connection to a DFS File Server. The *error_code* indicated in the message is from the invocation of the following DCE API:

• rpc_binding_set_auth_info()

System Action: The connection established with the

DFS File Server will be unauthenticated.

Administrator Response: Additional information about the *error_code* indicated by the message, is found in the *z/OS: DCE Messages and Codes*, SC24-5912. If the problem continues, contact the service representative.

IOEC05210I DCE authentication has expired for user *userid***. Connection is unauthenticated.**

Severity: svc_c_sev_warning

Explanation: Your ticket-granting ticket for DCE authentication has expired.

System Action: The connection established with the DFS File Server will be unauthenticated until valid network credentials are established. Once valid network credentials are obtained, the connection with DFS File Server will be authenticated.

Administrator Response: Perform a **dce_login** to obtain valid network credentials.

IOEC05211E Cannot set object UUID for the connection: (code = *error_code***).**

Severity: svc_c_sev_error

Explanation: An internal Cache Manager error occurred because an object UUID value cannot be set for the connection to a DFS File Server. The *error_code* indicated in the message is from the invocation of the following DCE API:

• rpc_binding_set_object()

System Action: A connection to the DFS File Server cannot be established. The request fails.

Administrator Response: Additional information about the *error_code* indicated by the message, is found in the *z/OS: DCE Messages and Codes*, SC24-5912. If the problem continues, contact the service representative.

IOEC05212E A connection to an unknown server service type encountered: (type = *server_type***).**

Severity: svc_c_sev_error

Explanation: An internal Cache Manager error occurred because of a connection to an unknown server type.

System Action: The connection to the unknown server type is broken.

Administrator Response: Attempt to issue the command again. If the problem continues, contact the service representative.

IOEC05213E File server disk quota exceeded for fileset (*fileset_hi_id*,,*fileset_lo_id*).

Severity: svc_c_sev_error

Explanation: The disk quota for the fileset indicated in the message was exceeded.

System Action: The file data cannot be written to the fileset.

Administrator Response: Use the **fts setquota** command to increase the disk quota for the fileset. Additional information about the command is found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915.

IOEC05214E File server disk space exceeded for fileset (*fileset_hi_id*,,*fileset_lo_id*).

Severity: svc_c_sev_error

Explanation: The disk space of the aggregate occupied by the data for the fileset indicated in the message was exceeded.

System Action: The file data cannot be written to the fileset.

Administrator Response: One or more of the following corrective actions can be taken to correct the problem:

- Delete files residing in the fileset indicated in the message.
- Delete files residing on other filesets that occupy the same aggregate as the fileset indicated in the message.
- Use the **growaggr** command to increase the size of the aggregate. Additional information about the command is found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915.
- Allocate a new aggregate of increased space capacity, then use the **fts move** command to move all filesets from the constrained aggregate to the new larger aggregate. Additional information about the command is found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915.

IOEC05215I Stored chunk without (*tokens*) tokens with modification flags (*mod_flags*), at file offset *offset* for a length of *length* bytes.

Severity: svc_c_sev_warning

Explanation: File data was stored without the ability to update status information for the file.

System Action: Cache Manager continues.

Administrator Response: If the problem continues, contact the service representative.

IOEC05216E Stored offline chunk at file offset *offset* for length of *length* bytes.

Severity: svc_c_sev_error

Explanation: The file data from cache that is considered offline and not valid is stored.

System Action: Cache Manager continues.

Administrator Response: If the problem continues, contact the service representative.

IOEC05217E Ignoring root fileset specification: diskless environment not configured.

Severity: svc_c_sev_error

Explanation: A *-rootfileset* start up option was specified, but a diskless environment was not configured.

System Action: Cache Manager continues.

Administrator Response: Remove the *-rootfileset* specification from the DFSCM envar file and restart the Cache Manager. A z/OS DFS Cache Manager does not support a diskless environment.

IOEC05218E Ignoring root cell specification: diskless environment not configured.

Severity: svc_c_sev_error

Explanation: A *-rootcell* start up option was specified, but a diskless environment was not configured.

System Action: Cache Manager continues.

Administrator Response: Remove the -rootcell specification from the DFSCM envar file and restart the Cache Manager. A z/OS DFS Cache Manager does not support a diskless environment.

IOEC05219E Cannot invoke TKN server: (code = *error_code*).

Severity: svc_c_sev_error

Explanation: An internal Cache Manager error has occurred because it cannot create its internal token service threads.

System Action: Cache Manager terminates.

Administrator Response: Attempt to restart the Cache Manager. If the problem continues, contact the service representative.

IOEC05220E Cannot create secondary service object UUID: (code = *error_code*).

Severity: svc_c_sev_error

Explanation: An internal Cache Manager error occurred because it cannot create an object UUID.

System Action: Cache Manager terminates.

Administrator Response: Attempt to restart the Cache Manager. If the problem continues, contact the service representative.

IOEC05221E Revocation threads pool setup failed.

Severity: svc_c_sev_error

Explanation: An internal Cache Manager error occurred because it cannot create token revocation service threads.

System Action: Cache Manager terminates.

Administrator Response: Attempt to restart the Cache Manager. If the problem continues, contact the service representative.

IOEC05222E RPC listen failed: (code = *error_code*).

Severity: svc_c_sev_error

Explanation: A DCE RPC error occurred while attempting to activate the Cache Manager token service threads resulting in an internal Cache Manager error. The *error_code* indicated in the message is from the invocation of the following DCE API:

• rpc_server_listen()

System Action: Cache Manager terminates.

Administrator Response: Additional information about the *error_code* indicated by the message, is found in the *z/OS: DCE Messages and Codes*, SC24-5912. If the problem continues, contact the service representative.

IOEC05223E Local cell name cannot be determined.

Severity: svc_c_sev_error

Explanation: An internal Cache Manager error occurred because the local cell name cannot be determined.

System Action: Cache Manager terminates.

Administrator Response: Configure the DCE environment.

IOEC05224E Cache base directory aggregate device number is missing.

Severity: svc_c_sev_error

Explanation: The *-cachedir* start up option was used, but did not specify a device number.

System Action: Cache Manager terminates.

Administrator Response: Specify a device number after the *-cachedir* option in the DFSCM envar file.

IOEC05225E dfstrace initialization failed: (code = *error_code*).

Severity: svc_c_sev_error

Explanation: The initialization of the z/OS DFS **dfstrace** command *cm* log or *cmfx* set for Cache Manager failed.

System Action: Cache Manager continues.

Administrator Response: Try to restart the Cache Manager. If the problem continues, contact the service representative.

IOEC05226E Disk cache exceeded.

Severity: svc_c_sev_error

Explanation: The space on the aggregate used for the Cache Manager disk cache was exceeded.

System Action: The request fails. Cache Manager continues with reduced capability.

Administrator Response: Either Cache Manager calculated an incorrect cache size using default start up options, or you specified incorrect start up options that control number and size of cache entries. Check the current configuration. If the problem continues, contact the service representative.

IOEC05227E Disk cache I/O error: (errno = *errno*).

Severity: svc_c_sev_error

Explanation: Cache Manager experienced an input/output error reading from or writing to the aggregate used for the disk cache.

System Action: The request fails.

Administrator Response: Use the *error_code* indicated by the message to determine the reason for the error. If the problem continues, contact the service representative.

IOEC05228I Cannot set RPC authentication and authorization information. Connection is unauthenticated.

Severity: svc_c_sev_warning

Explanation: Cache Manager cannot set RPC authentication and authorization information for a connection to a DFS File Server.

System Action: An authenicated connection will be attempted.

IOEC05229I Waiting for busy fileset (*fileset_id_hi*,,*fileset_id_lo*): (code = *error_code*).

Severity: svc_c_sev_warning

Explanation: An operation on the fileset is delayed because the fileset is busy. The fileset may be offline if it is being cloned.

System Action: The operation will automatically be attempted again.

Administrator Response: If the problem continues, contact the service representative.

IOEC05230I Waiting for busy fileset: (code = *error_code*).

Severity: svc_c_sev_warning

Explanation: An operation on the fileset is delayed because the fileset is busy. The fileset may be offline because it is being cloned.

System Action: The operation will automatically be attempted again.

Administrator Response: If the problem continues, contact the service representative.

IOEC05231E ACL permissions cannot be determined to allow the operation.

Severity: svc_c_sev_error

Explanation: The Access Control List (ACL) rights cannot be determined for the requested operation.

System Action: Permission to execute this request is denied. The request fails.

Administrator Response: There may be outstanding requests against the fileset that are not permitting this request to be executed successfully. Try the request again. If the problem continues, contact the service representative.

IOEC05232E Initialize Token State request attempted from a server with a nil UUID.

Severity: svc_c_sev_error

Explanation: An Initialize Token State request from a DFS File Server with a nil object UUID was detected.

System Action: The request fails.

Administrator Response: If the problem continues, contact the service representative.

IOEC05233E Cannot obtain UUID from server RPC binding for Initialize Token State request: (code = *error_code*).

Severity: svc_c_sev_error

Explanation: The binding handle for a DFS File Server that is making an Initialize Token State request cannot be obtained. The *error_code* indicated in the message is from the invocation of the following DCE API:

- rpc_binding_inq_object()

System Action: The request fails.

Administrator Response: Additional information about the *error_code* indicated by the message, is found in the *z/OS: DCE Messages and Codes*, SC24-5912. If the problem continues, contact the service representative.

IOEC05234E Initialize Token State request attempted from an unknown server with address *server_addr* was made.

Severity: svc_c_sev_error

Explanation: An Initialize Token State request from an unknown DFS File Server was detected.

System Action: The request fails.

Administrator Response: If the problem continues, contact the service representative.

IOEC05235E Token Revoke request attempted from server address *server_addr* with a nil UUID.

Severity: svc_c_sev_error

Explanation: A Token Revoke request from a DFS File Server with a nil object UUID was detected.

System Action: The request fails.

Administrator Response: If the problem continues, contact the service representative.

IOEC05236E Cannot obtain UUID from server RPC binding for Token Revoke request: (code = *error_code*).

Severity: svc_c_sev_error

Explanation: The binding handle for a DFS File Server that is making a Token Revoke request cannot be obtained. The *error_code* indicated in the message is from the invocation of the following DCE API:

- rpc_binding_inq_object()

System Action: The request fails.

Administrator Response: Additional information about the *error_code* indicated by the message, is found in the *z/OS: DCE Messages and Codes*,

SC24-5912. If the problem continues, contact the service representative.

IOEC05237E Initialize Token State request attempted from an unknown server with address *server_addr* was made.

Severity: svc_c_sev_error

Explanation: A Token Revoke request from an unknown DFS File Server was detected.

System Action: The request fails.

Administrator Response: If the problem continues, contact the service representative.

IOEC05238E Set Parameters request attempted from a server with a nil UUID.

Severity: svc_c_sev_error

Explanation: A Set Parameters request from a DFS File Server with a nil object UUID was detected.

System Action: The request fails.

Administrator Response: If the problem continues, contact the service representative.

IOEC05239E Set Parameters request to set client parameters failed: (code = *error_code*).

Severity: svc_c_sev_error

Explanation: A Set Parameters request to set client capability parameters that tell a DFS File Server the maximum file size the Cache Manager can handle failed.

System Action: The request fails. The default maximum file size of (2^{31}-1) will be used.

Administrator Response: If the problem continues, contact the service representative.

IOEC05240E Set Parameters request to indicate TSR complete failed: (code = *error_code*).

Severity: svc_c_sev_error

Explanation: A Set Parameters request that sets client capability parameters that inform a DFS File Server that the Cache Manager completed Token State Recovery processing failed.

System Action: The request fails.

Administrator Response: If the problem continues, contact the service representative.

IOEC05241E Cannot obtain UUID from server RPC binding for Set Parameters request: (code = *error_code*).

Severity: svc_c_sev_error

Explanation: A binding handle cannot be obtained for the DFS File Server that is making a Set Parameters request. The *error_code* indicated in the message is from the invocation of the following DCE API:
• rpc_binding_inq_object()

System Action: The request fails.

Administrator Response: Additional information about the *error_code* indicated by the message, is found in the *z/OS: DCE Messages and Codes*, SC24-5912. If the problem continues, contact the service representative.

IOEC05242E Set Parameters request made from an unknown server with address *server_addr*.

Severity: svc_c_sev_error

Explanation: A Set Parameters request from an unknown DFS File Server was detected.

System Action: The request fails.

Administrator Response: If the problem continues, contact the service representative.

IOEC05243E Unknown Set Parameters request attempted from server: (type = *request_type*).

Severity: svc_c_sev_error

Explanation: An unknown type of Set Parameters request was detected from a DFS File Server.

System Action: The request fails.

Administrator Response: If the problem continues, contact the service representative.

IOEC05244E TSR failed for *num_files* file(s):

Severity: svc_c_sev_error

Explanation: Token State Recovery processing failed for the number of files indicated in the message.

System Action: The program continues.

IOEC05245I Reason:*reason*, for file id *file_id* on fileset (*fileset_id_hi*,,*fileset_id_lo*)

Severity: svc_c_sev_warning

Explanation: The message text contains the reason why Token State Recovery processing failed for the file on the specified fileset.

System Action: There are no tokens currently held for the specified file.

Administrator Response: If the problem continues, contact the service representative.

IOEC05246I Reason:*reason***, for** *num_files* **files on fileset (***fileset_id_hi***,,***fileset_id_lo***) - one for file id** *file_id*

Severity: svc_c_sev_warning

Explanation: The message text contains the reason why Token State Recovery processing failed for the files on the specified fileset.

System Action: There are no tokens currently held for the specified files.

Administrator Response: If the problem continues, contact the service representative.

IOEC05247E Failure to obtain a HERE token for fileset (*fileset_id_hi***,,***fileset_id_lo***) while in TSR mode (***tsr_mode***): (code =** *error_code***).**

Severity: svc_c_sev_error

Explanation: An error occurred trying to reestablish the token state following a move of the specified fileset to a new location.

System Action: The request fails.

Administrator Response: Try to issue the z/OS DFS **fts move** command again.

IOEC05248I *num_entries* **dirty chunks were found for file id (***file_id***) in fileset (***fileset_id_hi***,,***fileset_id_lo***) while in TSR mode (***tsr_mode***).**

Severity: svc_c_sev_notice_verbose

Explanation: Modified cached data was detected while reestablishing the token state following a move of the specified fileset to a new location.

System Action: The modified data will be sent to the new location of the moved fileset on the DFS File Server.

IOEC05249I Modification flags (*mod_flags***) were found for file id (***file_id***) in fileset (***fileset_id_hi***,,***fileset_id_lo***) while in TSR mode (***tsr_mode***).**

Severity: svc_c_sev_notice_verbose

Explanation: A modified access time was detected while reestablishing the token state following a move of the specified fileset to a new location.

System Action: The new modification access time will

be sent to the new location of the moved fileset on the DFS File Server.

IOEC05250E TSR failed for file id (*file_id***) in fileset (***fileset_id_hi***,,***fileset_id_lo***).**

Severity: svc_c_sev_error

Explanation: An error occurred trying to reestablish the token state for an open or modified file. This error is the result of either a disabled DFS File Server becoming available or because the indicated fileset is being move to a new location.

System Action: The request fails.

Administrator Response: Try to issue the request again. If the problem continues, contact the service representative.

IOEC05251I Exiting a token return loop.

Severity: svc_c_sev_notice_verbose

Explanation: Cache Manager was requested to invalidate all cached data holding a specific token by forcing the release of all such tokens held.

System Action: The program continues.

IOEC05252E DCE error encountered by dfsbind helper process: (code = *error_code***).**

Severity: svc_c_sev_error

Explanation: A DCE error occurred in the Cache Manager DFSBIND process resulting in an internal Cache Manager error.

System Action: Cache Manager continues with reduced capability.

Administrator Response: Additional information about the *error_code* indicated by the message, is found in the *z/OS: DCE Messages and Codes*, SC24-5912. If the problem continues, contact the service representative.

IOEC05253E Fileset (*fileset_id_hi***,,***fileset_id_lo***) in cell** *cell_name* **has incorrect replication parameters (maxTotalLatency =** *maxTotalLatency***, hardMaxTotalLatency =** *hardMaxTotalLatency***, reclaimDally =** *reclaimDally***).**

Severity: svc_c_sev_warning

Explanation: The fileset in the indicated cell has one or more incorrect replication parameters.

System Action: The replication parameters for the fileset will be ignored.

Administrator Response: Use the **fts setrepinfo** command to set correct replication parameters for the fileset. Additional information about the command is

found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915.

IOEC05254E Fileset (fileset_id_hi,,fileset_id_lo**) in an unknown cell has incorrect replication parameters (maxTotalLatency =** maxTotalLatency**, hardMaxTotalLatency =** hardMaxTotalLatency**, reclaimDally =** reclaimDally**).**

Severity: svc_c_sev_warning

Explanation: The indicated fileset is in an undetermined cell and has one or more incorrect replication parameters.

System Action: The replication parameters for the fileset will be ignored.

Administrator Response: Use the **fts setrepinfo** command to set correct replication parameters for the fileset. Additional information about the command is found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915.

IOEC05255I Fileset (fileset_id_hi,,fileset_id_lo**) for volume** volume_name **moved to cell** cell_name**.**

Severity: svc_c_sev_notice_verbose

Explanation: The fileset, in the cell indicated, was moved to a new location.

System Action: The new location for the fileset is determined automatically.

IOEC05256I Fileset (fileset_id_hi,,fileset_id_lo**) moved to cell** cell_name**.**

Severity: svc_c_sev_notice_verbose

Explanation: The fileset, in the cell indicated, was moved to a new location.

System Action: The new location for the fileset is determined automatically.

IOEC05257I Fileset (fileset_id_hi,,fileset_id_lo**) for volume** volume_name **moved from an unknown cell.**

Severity: svc_c_sev_notice_verbose

Explanation: The indicated fileset was moved from an undetermined cell to a new location.

System Action: The new location for the fileset is determined automatically.

IOEC05258I Fileset (fileset_id_hi,,fileset_id_lo**) moved from an unknown cell.**

Severity: svc_c_sev_notice_verbose

Explanation: The indicated fileset was moved from an undetermined cell to a new location.

System Action: The new location of the fileset is determined automatically.

IOEC05259I Fileset (fileset_id_hi,,fileset_id_lo**) for volume** volume_name **does not exist in cell** cell_name**.**

Severity: svc_c_sev_notice_verbose

Explanation: The fileset, in the cell indicated, does not exist.

System Action: Internal Cache Manager information for this fileset is discarded.

IOEC05260I Fileset (fileset_id_hi,,fileset_id_lo**) does not exist in cell** cell_name**.**

Severity: svc_c_sev_notice_verbose

Explanation: The fileset, in the cell indicated, does not exist.

System Action: Internal Cache Manager information for this fileset is discarded.

IOEC05261I Fileset (fileset_id_hi,,fileset_id_lo**) for volume** volume_name **does not exist in an unknown cell.**

Severity: svc_c_sev_notice_verbose

Explanation: The indicated fileset, in an undetermined cell, does not exist.

System Action: Internal Cache Manager information for this fileset is discarded.

IOEC05262I Fileset (fileset_id_hi,,fileset_id_lo**) does not exist in an unknown cell.**

Severity: svc_c_sev_notice_verbose

Explanation: The indicated fileset, in an undetermined cell, does not exist.

System Action: Internal Cache Manager information for this fileset is discarded.

IOEC05263I Fileset (fileset_id_hi,,fileset_id_lo**) for volume** volume_name **now exists in cell** cell_name**.**

Severity: svc_c_sev_notice_verbose

Explanation: The fileset, which previously did not exist, now exists in the cell indicated.

System Action: The program continues.

IOEC05264I   Fileset (*fileset_id_hi***,,***fileset_id_lo***) now exists in cell** *cell_name***.**

Severity: svc_c_sev_notice_verbose

Explanation: The fileset, which previously did not exist, now exists in the cell indicated.

System Action: The program continues.

IOEC05265I   Fileset (*fileset_id_hi***,,***fileset_id_lo***) for volume** *volume_name* **now exists in an unknown cell.**

Severity: svc_c_sev_notice_verbose

Explanation: The fileset, which previously did not exist, now exists in a cell that cannot be determined.

System Action: The program continues.

IOEC05266I   Fileset (*fileset_id_hi***,,***fileset_id_lo***) now exists in an unknown cell.**

Severity: svc_c_sev_notice_verbose

Explanation: The fileset, which previously did not exist, now exists in a cell that cannot be determined.

System Action: The program continues.

IOEC05267E Cannot initialize thread pool.

Severity: svc_c_sev_error

Explanation: The Cache Manager cannot intialize an internal thread pool resulting in an internal Cache Manager error.

System Action: Cache Manager terminates.

Administrator Response: Try to restart the Cache Manager. If the problem continues, contact the service representative.

IOEC05268E Cannot initialize auxiliary thread pool.

Severity: svc_c_sev_error

Explanation: The Cache Manager cannot initialize an internal auxiliary thread pool, resulting in an internal error.

System Action: Cache Manager terminates.

Administrator Response: Try to restart the Cache Manager. If the problem continues, contact the service representative.

IOEC05269I   File server *server_info* **is back up!**

Severity: svc_c_sev_notice_verbose

Explanation: The Cache Manager restored communication with the DFS File Server indicated.

System Action: The DFS File Server is ready to service requests.

IOEC05270I   Replication server *server_info* **is back up!**

Severity: svc_c_sev_notice_verbose

Explanation: The Cache Manager restored communication with the DFS Replication Server indicated.

System Action: The DFS Replication Server is ready to service requests.

IOEC05271I   File server *server_info* **has a nil object UUID.**

Severity: svc_c_sev_warning

Explanation: A connection to the indicated server has a nil object UUID.

System Action: The Cache Manager will establish a new connection with the DFS File Server and try the request again.

IOEC05272I   An internal problem with File Exporter server *server_info* **has occurred.**

Severity: svc_c_sev_warning

Explanation: The indicated DFS File Server server encountered an internal error.

System Action: The Cache Manager will establish a new connection with the DFS File Server and try the request again.

IOEC05273I   File Exporter server *server_info* **is no longer in TSR mode.**

Severity: svc_c_sev_notice_verbose

Explanation: The DFS File Server indicated is no longer in Token State Recovery mode.

System Action: The DFS File Server is ready to service requests.

IOEC05274I   File Exporter server *server_info* **was rebooted.**

Severity: svc_c_sev_notice_verbose

Explanation: The indicated DFS File Server may have been disabled.

System Action: The Cache Manager will establish a

new connection with the DFS File Server and try the request again.

IOEC05275I   DCE authentication to *server_info* **for** *user_id* **has expired.**

Severity: svc_c_sev_notice_verbose

Explanation: Your ticket-granting ticket for DCE authentication has expired.

System Action: The Cache Manager will establish a new connection with the DFS File Server to determine if the client is now authenticated and attempt the request again.

IOEC05276I   Communication failure with file server *server_info* **for** *time* **seconds.**

Severity: svc_c_sev_warning

Explanation: The Cache Manager detected a DCE RPC communication failure with the DFS File Server indicated.

System Action: The Cache Manager will establish a new connection with the DFS File Server and try the request again.

IOEC05277I   File server *server_info* **is in TSR mode.**

Severity: svc_c_sev_warning

Explanation: The Cache Manager detected that the DFS File Server indicated is in Token State Recovery mode.

System Action: The request fails.

Administrator Response: Try the request again.

IOEC05278I   Client is doing TSR on file server *server_info***.**

Severity: svc_c_sev_warning

Explanation: The Cache Manager is performing Token State Recovery processing for the DFS File Server indicated.

System Action: The request fails.

Administrator Response: Try the request again.

IOEC05279I   Fileset *fileset* **is an older version than the latest fileset on file server** *server_info***.**

Severity: svc_c_sev_warning

Explanation: The Cache Manager detected that the fileset operated on is an older version of the fileset already on the DFS File Server indicated.

System Action: The request fails.

Administrator Response: Use either the **fts release**

or the **fts update** command to initiate the immediate update of the fileset. Alternatively, if the replication type is *scheduled*, you can wait for the scheduled replication to occur, then try the request again.

IOEC05280I   Fileset *fileset* **is reestablishing tokens after a move on file server** *server_info***.**

Severity: svc_c_sev_warning

Explanation: Cache Manager detected that the fileset was moved to the DFS File Server indicated and the server is currently reestablishing tokens that were held before the move.

System Action: The request fails.

Administrator Response: Try the request again.

IOEC05281I   Fileset *fileset* **is busy on file server** *server_info***: (code =** *error_code***).**

Severity: svc_c_sev_warning

Explanation: The DFS File Server indicated is reporting that the fileset is busy.

System Action: The request fails.

Administrator Response: Try the request again.

IOEC05282I   Fileset *fileset* **is waiting for clone cleanup on file server** *server_info***.**

Severity: svc_c_sev_warning

Explanation: The DFS File Server indicated is currently performing post fileset clone processing.

System Action: The request fails.

Administrator Response: Try the request again.

IOEC05283I   Fileset *fileset* **is waiting for move cleanup on file server** *server_info***.**

Severity: svc_c_sev_warning

Explanation: The DFS File Server indicated is currently performing post fileset move processing.

System Action: The request fails.

Administrator Response: Try the request again.

IOEC05284E   Fileset *fileset* **is damaged on file server** *server_info***.**

Severity: svc_c_sev_error

Explanation: The DFS File Server indicated is reporting that the fileset is damaged.

System Action: The request fails.

Administrator Response: Check for error messages being reported by the DFS Server or z/OS to determine

the reason why the aggregate where the fileset resides is experiencing problems.

IOEC05285E Fileset *fileset* **error with file server** *server_info***: (code =** *error_code***).**

Severity: svc_c_sev_error

Explanation: The DFS File Server indicated is reporting an unknown error with the fileset.

System Action: The request fails.

Administrator Response: Check for error messages being reported by the DFS File Server or z/OS to determine the reason for the fileset problem. If the problem continues, contact the service representative.

IOEC05286I *server_name* **server** *server_info* **is back up!**

Severity: svc_c_sev_notice_verbose

Explanation: The Cache Manager restored communication with the DFS Server indicated.

System Action: The DFS Server is ready to service requests.

IOEC05287E Authenticated communication failure with *server_name* **server** *server_info***.**

Severity: svc_c_sev_error

Explanation: A DCE RPC authenticated communications error occurred with the indicated DFS server. The RPC runtime calling a remote procedure stopped waiting for the procedure to start or complete. The RPC runtime determined that it is not communicating with the remote server.

System Action: The request fails.

Administrator Response: Ensure that z/OS DCE is currently running. If it is running, check for DCE and z/OS error messages to determine why the failure occurred, then try the request again.

IOEC05288E Communication failure with *server_name* **server** *server_info***.**

Severity: svc_c_sev_error

Explanation: A DCE RPC communications error occurred with the DFS server indicated. The RPC runtime that is calling a remote procedure stopped waiting for the procedure to start or complete. The RPC runtime determined that it is not communicating with the remote server.

System Action: The request fails.

Administrator Response: Ensure that z/OS DCE is currently running. If it is running, check for DCE and z/OS error messages to determine why the failure occurred, then try the request again.

IOEC05289E Timeout on authenticated RPC to *server_name* **server** *server_info***.**

Severity: svc_c_sev_error

Explanation: An authenticated DCE RPC connection to the DFS server indicated timed out.

System Action: The request fails.

Administrator Response: Ensure that z/OS DCE is currently running. If it is running, check for DCE and z/OS error messages to determine why the failure occurred, then try the request again.

IOEC05290E Timeout on RPC to *server_name* **server** *server_info***.**

Severity: svc_c_sev_error

Explanation: A DCE RPC connection to the indicated DFS server timed out.

System Action: The request fails.

Administrator Response: Ensure that z/OS DCE is currently running. If it is running, check for DCE and z/OS error messages to determine why the failure occurred, then try the request again.

IOEC05291E No quorum from *server_name* **server** *server_info***.**

Severity: svc_c_sev_error

Explanation: The DFS server indicated is not ready to service requests.

System Action: The request fails.

Administrator Response: Try the request again.

IOEC05292E RPC 'who are you' failure at *server_name* **server** *server_info***.**

Severity: svc_c_sev_error

Explanation: A DCE RPC *who are you* callback failure occurred with the DFS server indicated. Either the RPC timed out, a communications error occurred, or a security or authentication error occurred during the callback.

System Action: The request fails.

Administrator Response: Ensure that z/OS DCE is currently running. If it is running, check for DCE and z/OS error messages to determine why the failure occurred, then try the request again.

IOEC05293E Authenticated RPC errors from *server_name* **server** *server_info***: (code =** *error_code***).**

Severity: svc_c_sev_error

Explanation: An authenticated DCE RPC error

occurred with the DFS server indicated.

System Action: The request fails.

Administrator Response: Additional information about the *error_code* indicated by the message, is found in the *z/OS: DCE Messages and Codes*, SC24-5912. Use the error information to correct the error, then try the request again.

IOEC05294E Authenticated DFS errors from *server_name* **server** *server_info*: **(code =** *error_code*).

Severity: svc_c_sev_error

Explanation: The DFS server indicated has returned an error.

System Action: The request fails.

Administrator Response: Check for DFS File Server error messages to determine why the failure occurred, then try the request again.

IOEC05295E Authenticated DCE errors from *server_name* **server** *server_info*: **(code =** *error_code*).

Severity: svc_c_sev_error

Explanation: An authenticated DCE error occurred with the DFS server indicated.

System Action: The request fails.

Administrator Response: Additional information about the *error_code* indicated by the message, is found in the *z/OS: DCE Messages and Codes*, SC24-5912. Use the error information to correct the error, then try the request again.

IOEC05296E RPC errors from *server_name* **server** *server_info*: **(code =** *error_code*).

Severity: svc_c_sev_error

Explanation: A DCE RPC error occurred with the DFS server indicated.

System Action: The request fails.

Administrator Response: Additional information about the *error_code* indicated by the message, is found in the *z/OS: DCE Messages and Codes*, SC24-5912. Use the error information to correct the error, then try the request again.

IOEC05297E DFS errors from *server_name* **server** *server_info*: **(code =** *error_code*).

Severity: svc_c_sev_error

Explanation: The DFS server indicated returned an error.

System Action: The request fails.

Administrator Response: Check for DFS server error messages to determine why the failure occurred. Then try the request again.

IOEC05298E DCE errors from *server_name* **server** *server_info*: **(code =** *error_code*).

Severity: svc_c_sev_error

Explanation: A DCE error has occurred with the DFS server indicated.

System Action: The request fails.

Administrator Response: Additional information about the *error_code* indicated by the message, is found in the *z/OS: DCE Messages and Codes*, SC24-5912. Use the error information to correct the error, then try the request again.

IOEC05299E Authenticated communication failure with *server_name* **server** *server_info*. **Lost contact with server.**

Severity: svc_c_sev_error

Explanation: A DCE RPC authenticated communications error occurred with the DFS server indicated. The RPC runtime that is calling a remote procedure stopped waiting for the procedure to start or complete. The RPC runtime determined that it is not communicating with the remote server.

System Action: Communication with the server was lost. The request fails.

Administrator Response: Ensure that z/OS DCE is currently running. If it is running, check for DCE and z/OS error messages determine why the failure occurred, then try the request again.

IOEC05300E Communication failure with *server_name* **server** *server_info*. **Lost contact with server.**

Severity: svc_c_sev_error

Explanation: A DCE RPC communications error has occurred with the DFS server indicated. The RPC runtime that is calling a remote procedure stopped waiting for the procedure to start or complete. The RPC runtime determined that it is not communicating with the remote server.

System Action: Communication with the server was lost. The request fails.

Administrator Response: Ensure that z/OS DCE is currently running. If it is running, check for DCE and z/OS error messages to determine why the failure occurred, then try the request again.

IOEC05301E Timeout on authenticated RPC to
server_name **server** *server_info*. **Lost contact with server.**

Severity: svc_c_sev_error

Explanation: An authenticated DCE RPC connection to the indicated DFS server timed out.

System Action: Communication with the server was lost. The request fails.

Administrator Response: Ensure that z/OS DCE is currently running. If it is running, check for DCE and z/OS error messages to determine why the failure occurred, then try the request again.

IOEC05302E Timeout on RPC to *server_name* **server** *server_info*. **Lost contact with server.**

Severity: svc_c_sev_error

Explanation: A DCE RPC connection to the indicated DFS server timed out.

System Action: Communication with the server was lost. The request fails.

Administrator Response: Ensure that z/OS DCE is currently running. If it is running, check for DCE and z/OS error messages to determine why the failure occurred, then try the request again.

IOEC05303E No quorum from *server_name* **server** *server_info*. **Lost contact with server.**

Severity: svc_c_sev_error

Explanation: The DFS server indicated is not ready to service requests.

System Action: Communication with the server was lost. The request fails.

Administrator Response: Try the request again.

IOEC05304E RPC 'who are you' failure at *server_name* **server** *server_info*. **Lost contact with server.**

Severity: svc_c_sev_error

Explanation: A DCE RPC *who are you* callback failure occurred with the DFS server indicated. Either the RPC timed out, a communications error occurred, or a security or authentication error occurred during the callback.

System Action: Communication with the server was lost. The request fails.

Administrator Response: Ensure that z/OS DCE is currently running. If it is running, check for DCE and z/OS error messages to determine why the failure occurred, then try the request again.

IOEC05305E Authenticated RPC errors from *server_name* **server** *server_info*: **(code =** *error_code***). Contact with server has been lost.**

Severity: svc_c_sev_error

Explanation: An authenticated DCE RPC error has occurred with the DFS server indicated.

System Action: Communication with the server was lost. The request fails.

Administrator Response: Additional information about the *error_code* indicated by the message, is found in the *z/OS: DCE Messages and Codes*, SC24-5912. Use the error information to correct the error, then try the request again.

IOEC05306E Authenticated DFS errors from *server_name* **server** *server_info*: **(code =** *error_code***). Lost contact with server.**

Severity: svc_c_sev_error

Explanation: The DFS server indicated returned an error.

System Action: Communication with the server was lost. The request fails.

Administrator Response: Check for DFS server error messages to determine why the failure occurred, then try the request again.

IOEC05307E Authenticated DCE errors from *server_name* **server** *server_info*: **(code =** *error_code***). Lost contact with server.**

Severity: svc_c_sev_error

Explanation: An authenticated DCE error occurred with the DFS server indicated.

System Action: Communication with the server was lost. The request fails.

Administrator Response: Additional information about the *error_code* indicated by the message, is found in the *z/OS: DCE Messages and Codes*, SC24-5912. Use the error information to correct the error, then try the request again.

IOEC05308E RPC errors from *server_name* **server** *server_info*: **(code =** *error_code***). Lost contact with server.**

Severity: svc_c_sev_error

Explanation: A DCE RPC error occurred with the DFS server indicated.

System Action: Communication with the server was lost. The request fails.

Administrator Response: Additional information

about the *error_code* indicated by the message, is found in the *z/OS: DCE Messages and Codes*, SC24-5912. Use the error information to correct the error, then try the request again.

IOEC05309E DFS errors from *server_name* **server** *server_info*: **(code =** *error_code***). Lost contact with server.**

Severity: svc_c_sev_error

Explanation: The DFS server indicated has returned an error.

System Action: Communication with the server was lost. The request fails.

Administrator Response: Check for DFS server error messages to determine why the failure occurred, then try the request again.

IOEC05310E DCE errors from *server_name* **server** *server_info*: **(code =** *error_code***). Lost contact with server.**

Severity: svc_c_sev_error

Explanation: A DCE error occurred with the DFS server indicated.

System Action: Communication with the server was lost. The request fails.

Administrator Response: Additional information about the *error_code* indicated by the message, is found in the *z/OS: DCE Messages and Codes*, SC24-5912. Use the error information to correct the error, then try the request again.

IOEC05311I Setting clock back *time* **seconds from server** *server_info***.**

Severity: svc_c_sev_notice_verbose

Explanation: Cache Manager is setting the local clock time back to synchronize with the clock time of the machine running the DFS File Server indicated.

System Action: The program continues.

IOEC05312I Setting clock ahead *time* **seconds from server** *server_info***.**

Severity: svc_c_sev_notice_verbose

Explanation: Cache Manager is setting the local clock time ahead to synchronize with the clock time of the machine running the indicated DFS File Server.

System Action: The program continues.

IOEC05313I File server *server_info* **has completed TSR and is ready for requests.**

Severity: svc_c_sev_notice_verbose

Explanation: The DFS File Server indicated is reporting that it has completed Token State Recovery processing.

System Action: The DFS File Server is ready to service requests.

IOEC05318I Unauthenticated set auth binding failed.

Severity: svc_c_sev_notice_verbose

Explanation: Cache Manager encountered a problem with the current authorization binding.

System Action: The program continues.

IOEC05319I Set auth binding failed (code *error_code***); running unauthenticated.**

Severity: svc_c_sev_notice_verbose

Explanation: Cache Manager encountered a problem with a set authorization binding. The request will run unauthenticated.

System Action: The program continues.

Chapter 4. IOEDnnnnnt Messages - DFS Configuration Program (dfsconf)

This chapter contains the messages that may result from the DFS Configuration Program (dfsconf) processing.

IOED01016I   Login for *userid* **at** *date_time***.**

Severity: svc_c_sev_notice

Explanation: This message specifies the date and time that the cell administrator logs into DCE.

System Action: The program continues.

IOED01017I   Group *dfs_grp* **already exists...continuing ...**

Severity: svc_c_sev_notice

Explanation: The group being added already exists in the registry.

System Action: The program continues.

IOED01018I   Member *dfs_member* **exists in group** *dfs_grp* **...continuing ...**

Severity: svc_c_sev_notice

Explanation: The member being added already exists in the registry.

System Action: The program continues.

IOED01019I   Adding necessary principals to registry database for *hostname***.**

Severity: svc_c_sev_notice

Explanation: The principals are being added to the registry for the DFS hostname entered.

System Action: The program continues.

IOED01020I   Creating the dfs-server principal for *hostname***.**

Severity: svc_c_sev_notice

Explanation: The dfs-server principal was added to the registry for the DFS hostname entered from the ISPF panels.

System Action: The program continues.

IOED01021I   Modify ACL for *hostname***.**

Severity: svc_c_sev_notice

Explanation: The dfs-server acl information was modified for the DFS hostnamame

System Action: The program continues.

IOED01022I   Configure Initial Registry Information

Severity: svc_c_sev_notice

Explanation: The registry will be modified to contain the neccessary principal information for the DFS server.

System Action: The program continues.

IOED01023I   Creating Security Group

Severity: svc_c_sev_notice

Explanation: The registry will be modified to contain the account information for the DFS server.

System Action: The program continues.

IOED01024I   Configure Initial Name Service Information

Severity: svc_c_sev_notice

Explanation: The namespace will be modified for the DFS server.

System Action: The program continues.

IOED01032I   DFS deconfiguration initiated at *date_time***.**

Severity: svc_c_sev_notice

Explanation: This message specifies the date and time that a deconfiguration is initiated. If the TZ environment variable is not set, the time is specified in GMT format.

System Action: The program continues.

IOED01033I   DFS configuration initiated at *date_time***.**

Severity: svc_c_sev_notice

Explanation: This message specifies the date and time that a configuration is initiated. If the TZ environment variable is not set, the time is specified in GMT format.

System Action: The program continues.

IOED01034I   Starting *daemon***.**

Severity: svc_c_sev_notice

Explanation: The specified daemon is starting.

System Action: The program continues.

IOED01035I Stopping *daemon***.**

Severity: svc_c_sev_notice

Explanation: The specified daemon is stopping.

System Action: The program continues.

IOED01036A DFSCONF cannot retrieve host name from TCP/IP. *error_text***.**

Severity: svc_c_sev_fatal

Explanation: The gethostname() socket call cannot return the local host name.

System Action: The request fails.

Administrator Response: Ensure that TCP/IP is installed correctly. Use the TCP/IP **testsite** utility to verify that a host name is available. If the problem continues, contact the service representative.

IOED01037E Error creating file *filename***.** *error_text***.**

Severity: svc_c_sev_error

Explanation: The specified file cannot be created.

System Action: The request fails.

Administrator Response: Correct the error based on the error condition described in the C library error text. If the problem continues, contact the service representative.

IOED01038E Error opening file *filename***.** *error_text***.**

Severity: svc_c_sev_error

Explanation: The specified file cannot be opened.

System Action: The request fails.

Administrator Response: Correct the error based on the error condition described in the C library error text. If the problem continues, contact the service representative.

IOED01039E Error writing to file *filename***.** *error_text***.**

Severity: svc_c_sev_error

Explanation: The specified file cannot be updated.

System Action: The request fails.

Administrator Response: Correct the error based on the error condition described in the C library error text. If the problem continues, contact the service representative.

IOED01040E Error closing file *filename***.** *error_text***.**

Severity: svc_c_sev_error

Explanation: The specified file cannot be closed.

System Action: The request fails.

Administrator Response: Correct the error based on the error condition described in the C library error text. If the problem continues, contact the service representative.

IOED01041E Error reading file *filename***.** *error_text***.**

Severity: svc_c_sev_error

Explanation: The specified file cannot be read.

System Action: The request fails.

Administrator Response: Correct the error based on the error condition described in the C library error text. If the problem continues, contact the service representative.

IOED01042E Error accessing record position for file *filename***.** *error_text***.**

Severity: svc_c_sev_error

Explanation: The record position for the specified file cannot be obtained.

System Action: The request fails.

Administrator Response: Correct the error based on the error condition described in the C library error text. If the problem continues, contact the service representative.

IOED01043E RPC control program cannot find Security daemon.

Severity: svc_c_sev_error

Explanation: The RPC control program cannot find the Security daemon binding information in the DCE daemon (endpoint map) running on the Security daemon machine.

System Action: The request fails.

Administrator Response: Do the following:
- Ensure that the correct machine is specified for the Security daemon.
- Issue the **rpccp show mapping** command to verify that Security daemon bindings exist for the machine specified on the configuration panel.
- Ensure that the Security daemon is running.

If the problem continues, contact the service representative.

IOED01044I Error occurs while running *command* **command.**

Severity: svc_c_sev_notice

Explanation: The error occurs while running the specified command. Additional information is contained in the default log file which is located in the administrator's home directory in the **dceconf.log** file.

System Action: The program continues.

Administrator Response: Check for other DCE messages, delivered to the screen or stored in the DFSCONF log file (depending on the the inform verbosity level, set via the _IOE_CFG_INFORM_LEVEL environment variable). If necessary, correct the problem according to these other messages. If there are no DCE messages indicating why the command was unsuccessful, check for any probes or dumps and contact the system representative.

IOED01045E Error occurs while issuing kernel request. DCE kernel return code: *retcode***.**

Severity: svc_c_sev_error

Explanation: A request sent to the DCE kernel was not successful.

System Action: The request fails.

Administrator Response: Refer to the console log for related messages. Use the information associated with the following return codes to help correct the error:

- 201 Requestor not authorized.
- 202 Cannot retrieve requestor's TSO userid.
- 301 Daemon not configured.
- 302 Daemon status precludes the request.
- 303 Time out occurred.
- 305 Error in **/opt/dcelocal/etc/euvpdcf** file.
- 306 Cannot create process.
- 307 Cannot kill process.
- 310 Exception detected.
- 401 Socket create failed.
- 402 Socket connect failed.
- 403 Socket write failed.
- 404 Socket read failed.
- 501 Cannot open **/opt/dfslocal/etc/ioepdcf** file.
- 502 Cannot read **/opt/dfslocal/etc/ioepdcf** file.
- 601 Cannot allocate memory.
- 602 Cannot obtain mutex.
- 603 Cannot release mutex.

If a return code occurs that does not appear in the above list, contact the service representative.

IOED01046E Error occurs while requesting *daemon* **status. DCE kernel return code:** *retcode***.**

Severity: svc_c_sev_error

Explanation: The status of the specified daemon cannot be obtained from the DCE kernel.

System Action: The request fails.

Administrator Response: Use the response information associated with the DCE kernel return code to help resolve the problem. If the problem continues, contact the service representative.

IOED01047E DFSCONF cannot determine if daemon has stopped. DCE kernel return code: *retcode***.**

Severity: svc_c_sev_error

Explanation: A daemon stop request timed out while waiting for an acknowledgement from the DCE kernel.

System Action: The request fails.

Administrator Response: Use the response information associated with the DCE kernel return code to help resolve the problem. If the problem continues, contact the service representative.

IOED01048E DFSCONF cannot obtain ISPLINK module.

Severity: svc_c_sev_error

Explanation: The ISPLINK load module cannot be dynamically loaded.

System Action: The request fails.

Administrator Response: Ensure that the ISPLINK module is available on your system, and ensure that it exists in the LPA list, LINK list, or STEPLIB path active for TSO user ID of the administrator.

IOED01049A DCE kernel is not running.

Severity: svc_c_sev_fatal

Explanation: The DCE kernel is not active.

System Action: The request fails.

Administrator Response: Ensure that the DCE kernel is active and running, then try the request again.

IOED01050A DFSCONF cannot run *module_name***. Return code:** *return_code* **- Reason code:** *reason_code***.** *error_text*

Severity: svc_c_sev_fatal

Explanation: The specified load module cannot be run.

System Action: The request fails.

Administrator Response: Ensure that the module is installed on your system, and ensure that it exists in the LPA list, LINK list, or STEPLIB path active for the TSO user ID of the administrator.

IOED01051A DFSCONF cannot determine if program ran. *error_text***.**

Severity: svc_c_sev_fatal

Explanation: The exit status of a command process cannot be determined.

System Action: The request fails.

Administrator Response: If the problem continues, contact the service representative.

IOED01052E DFSCONF cannot obtain a valid ISPF environment.

Severity: svc_c_sev_error

Explanation: There is no valid ISPF environment.

System Action: The request fails.

Administrator Response: Ensure that the DFSCONF is invoked from ISPF. For example, it cannot be invoked from the TSO READY prompt.

IOED01060I This configuration was successful for this machine.

Severity: svc_c_sev_notice

Explanation: Configuration of the machine is successful. The option selected is now enabled within the DCE cell.

System Action: The program continues.

IOED01061I This machine has been successfully deconfigured.

Severity: svc_c_sev_notice

Explanation: The selected deconfiguration options were successful.

System Action: The program continues.

IOED01062I Review the DFSCONF log file for more information.

Severity: svc_c_sev_notice

Explanation: An error occurred running DFSCONF. More information is contained in the log file which is located in the administrator's home directory in the **dceconf.log** file.

System Action: The program continues.

IOED01063A Internal programming error occurred.

Severity: svc_c_sev_error

Explanation: An internal programming error has occurred within the DFSCONF program.

System Action: The request fails.

Administrator Response: If the problem continues, contact the service representative.

IOED01064E Error encountered while performing a dcecp command.

Severity: svc_c_sev_error

Explanation: An attempt was made to perform a DCECP command but an error was detected.

System Action: Configuration ends.

Administrator Response: Examine the dfsconf.log for details, then run the deconfigure option again. Contact the service representative if the problem continues.

IOED01065E Error encountered while performing a rgy_edit.

Severity: svc_c_sev_error

Explanation: An attempt was made to perform a DCECP command but an error was detected.

System Action: Configuration ends.

Administrator Response: Examine the dfsconf.log for details, then run the deconfigure option again. Contact the service representative if the problem continues.

IOED01066E Error encountered while performing a acl_edit.

Severity: svc_c_sev_error

Explanation: An attempt was made to perform a dcecp acl command but an error was detected.

System Action: Configuration ends.

Administrator Response: Examine the dfsconf.log for details, then run the deconfigure option again. Contact the service representative if the problem continues.

IOED01067E Cannot allocate storage.

Severity: svc_c_sev_error

Explanation: There is no virtual storage available.

System Action: The request fails.

User Response: Acquire more storage and try the request again.

IOED01069I Group or member already deleted ...

Severity: svc_c_sev_notice

Explanation: The requested member or group has already been deleted.

System Action: The program continues.

IOED01070A DFSCONF cannot obtain the IP address for *hostname*

Severity: svc_c_sev_fatal

Explanation: The gethostbyname() socket call cannot return the hostname ip address.

System Action: The request fails.

Administrator Response: Ensure that TCP/IP is installed correctly. Use the TCP/IP **testsite** utility to verify that a host name is available. If the problem continues, contact the service representative.

IOED01075A Error creating symbolic link *error_text* **.**

Severity: svc_c_sev_fatal

Explanation: An error was detected while attempting to create a symbolic link.

System Action: The request fails.

Administrator Response: Ensure that the person performing the configuration has a UID = 0 and that the file system is mounted R/W.

IOED01076A Error deleting symbolic link *error_text* **.**

Severity: svc_c_sev_fatal

Explanation: An error was detected while attempting to delete a symbolic link.

System Action: The request fails.

Administrator Response: Ensure that the person performing the deconfiguration has a UID = 0 and that the file system is mounted R/W.

Chapter 5. IOEFnnnnnt Messages - Fileset Server (ftserver) and fts Commands

This chapter contains the messages that may result from the Fileset Server (ftserver) processing and issuing **fts** commands.

IOEF06001E ftserver: cannot open-to-write in log file *logfile***.**

Severity: svc_c_sev_error

Explanation: Message logging is disabled because the ftserver log file cannot be opened.

System Action: The program continues.

Administrator Response: Determine why the log file cannot be opened; remember that this file resides in HFS. If the problem continues, contact the service representative.

IOEF06004A ftserver: Cannot install interface description: *error_text***. Exiting.**

Severity: svc_c_sev_error

Explanation: The ftserver cannot install the interface description during initialization which prevents the ftserver from starting.

System Action: The ftserver will not start.

Administrator Response: Use the error text to determine what is causing this failure. If the problem continues, contact the service representative.

IOEF06005A ftserver: Cannot determine the local cell name: *error_text***. Exiting.**

Severity: svc_c_sev_error

Explanation: The ftserver cannot determine the cell name.

System Action: The ftserver will not start.

Administrator Response: Use the error text to determine why the ftserver cannot determine the name of the local cell. Ensure that the ftserver is configured correctly and the cell is operational. If the problem continues, contact the service representative.

IOEF06006A ftserver: cannot create a nil uuid: *error_code***. Exiting.**

Severity: svc_c_sev_error

Explanation: The ftserver needs a uuid and is unable to obtain one.

System Action: The ftserver will not start.

Administrator Response: Use the error code to determine why the ftserver cannot create a nil uuid. If

the problem continues, contact the service representative.

IOEF06007A ftserver: rpc_register_dfs_server ended, code = *error_code***. Exiting.**

Severity: svc_c_sev_error

Explanation: The ftserver is attempting to register itself as a server, but the RPC call failed.

System Action: The ftserver will not start.

Administrator Response: Use the error code to determine why the call failed. This is an RPC call so it may be an RPC problem. If the problem continues, contact the service representative.

IOEF06008A ftserver: pthread_create ended, code = *error_code***. Exiting.**

Severity: svc_c_sev_error

Explanation: The ftserver was unable to create the main thread for the ftserver process.

System Action: The ftserver will not start.

Administrator Response: Use the error code to determine why this function failed. If the problem continues, contact the service representative.

IOEF06009A ftserver: RPC unable to listen, code = *error_code***. Exiting.**

Severity: svc_c_sev_error

Explanation: The ftserver initialized and is ready to listen for any RPC activity, but the RPC listen failed.

System Action: The ftserver will not start.

Administrator Response: Use the error code to determine why the listen failed. This is an RPC call so it may be an RPC problem. If the problem continues, contact the service representative.

IOEF06010I ftserver: unable to unregister server for VL interface: *error_text***.**

Severity: svc_c_sev_warning

Explanation: The ftserver is not able to unregister the server and is trying to clean up before exiting.

System Action: The ftserver will not start.

Administrator Response: Use the messages that

preceded this message to determine why the ftserver did not start. This error occurred during cleanup processing before the ftserver exited.

IOEF06011A ftserver: Unexpected exception raised, errno=*error_code* **(***error_text***): program information is** *possible_added_information***.**

Severity: svc_c_sev_error

Explanation: This is a general message issued when the ftserver identifies an exception of unknown origin.

System Action: The ftserver abended.

Administrator Response: Use the error message to determine what caused the ftserver abend. If the problem continues, contact the service representative.

IOEF06016E ftserver: cannot export ICL interface, code = ***error_code*.**

Severity: svc_c_sev_error

Explanation: The internal trace function cannot be set up for the ftserver. This will only affect receiving the internal trace output.

System Action: The program continues.

Administrator Response: Use the error code to determine why the trace environment cannot be set up. If the problem continues, contact the service representative.

IOEF06017E ftserver: unable to create the ICL log, code = ***error_code*.**

Severity: svc_c_sev_error

Explanation: The internal trace function cannot be set up for the ftserver. This will only affect receiving the internal trace output.

System Action: The program continues.

Administrator Response: Use the error code to determine why the trace environment cannot be set up. If the problem continues, contact the service representative.

IOEF06018E ftserver: unable to create ICL event set, code = ***error_code*.**

Severity: svc_c_sev_error

Explanation: The internal trace function cannot be set up for the ftserver. This will only affect receiving the internal trace output.

System Action: The program continues.

Administrator Response: Use the error code to determine why the trace environment cannot be set up.

If the problem continues, contact the service representative.

IOEF06019E ftserver: unable to create ftutil ICL event set, code = ***error_code*.**

Severity: svc_c_sev_error

Explanation: The internal trace function cannot be set up for the ftserver. This will only affect receiving the internal trace output.

System Action: The program continues.

Administrator Response: Use the error code to determine why the trace environment cannot be set up. If the problem continues, contact the service representative.

IOEF06020E ftserver: unable to start ICL signal catcher, code = ***error_code*.**

Severity: svc_c_sev_error

Explanation: The internal trace function cannot be set up for the ftserver. This will only affect receiving the internal trace output.

System Action: The program continues.

Administrator Response: Use the error code to determine why the trace environment cannot be set up. If the problem continues, contact the service representative.

IOEF06026E ftserver: cannot set up dump routing.

Severity: svc_c_sev_error

Explanation: The internal dump routing cannot be set up for the ftserver.

System Action: The program continues.

Administrator Response: Because of this routing error, dumps from the ftserver will not go to a separate ftserver DD.

IOEF06031I ftserver: error from dce_svc_register, code = ***rccode*.**

Severity: svc_c_sev_warning

Explanation: The ftserver is unable to register the ftserver message table.

System Action: The program continues.

Administrator Response: Although the ftserver will continue to run, ftserver messages may not be in the correct format. Use the return code to identify the problem.

IOEF06032E ftserver: unable to perform pthread_cond_init, code = *error_code***.**

Severity: svc_c_sev_error

Explanation: The ftserver is unable to initialize a condition variable for the ftserver shutdown process.

System Action: The ftserver will start but problems may occur when the ftserver shuts down.

Administrator Response: Use the error code to determine why this function failed. If the problem continues, contact the service representative.

IOEF06033E ftserver: unable to perform pthread_mutex_init, code = *error_code***.**

Severity: svc_c_sev_error

Explanation: The ftserver is unable to create a mutex for the ftserver shutdown process.

System Action: The ftserver will start but problems may occur when the ftserver shuts down.

Administrator Response: Use the error code to determine why this function failed. If the problem continues, contact the service representative.

IOEF06046E ftserver op *ftserver_op_code* **not set in bit vector** *ftserver_op_vector* **at file** *file_name* **line** *line_num***.**

Severity: svc_c_sev_error

Explanation: This is a fileset server interface problem indicating that the ftserver does not recognize the requested operation.

System Action: The ftserver will not process the requested operation.

Administrator Response: This problem may result if incompatible DFS releases are running. If the problem continues, contact the service representative.

IOEF06047E *program_name***: dfs_disable_cancel ended with errno** *error_code***.**

Severity: svc_c_sev_warning

Explanation: The ftserver internal routine failed when invoked by the specified program.

System Action: The program continues.

Administrator Response: If the problem continues, contact the service representative.

IOEF06048E *program_name***: dfs_enable_cancel ended with errno** *error_code***.**

Severity: svc_c_sev_warning

Explanation: The ftserver internal routine failed when invoked by the specified program.

System Action: The program continues.

Administrator Response: If the problem continues, contact the service representative.

IOEF06067E *program_name***: ftserver not authorized for operation:** *error_text***.**

Severity: svc_c_sev_error

Explanation: The ftserver is not authorized to perform the attempted operation.

System Action: The ftserver will not process the requested operation.

Administrator Response: Use the error text to determine why the ftserver is not authorized to execute the request. Certain fts related requests require the server be in both the admin.ft and admin.fl administration lists. If the problem continues, contact the service representative.

IOEF06068E *program_name***: ftserver dump exception, error information:** *exception_info***.**

Severity: svc_c_sev_error

Explanation: The ftserver found an exception while processing an ftserver dump request.

System Action: The ftserver will not process the dump operation.

Administrator Response: Use the error information to determine the cause of the exception. If the problem continues, contact the service representative.

IOEF06071E *program_name***: ftserver restore exception, error information:** *exception_info***.**

Severity: svc_c_sev_error

Explanation: The ftserver found an exception while executing an ftserver restore request.

System Action: The ftserver will not process the restore operation.

Administrator Response: Use the error information to determine the cause of the exception. If the problem continues, contact the service representative.

IOEF06074I sftserver_ListVolumes: cannot open *fileset_id_hi***,,***fileset_id_low***, error code =** *error_code***.**

Severity: svc_c_sev_notice_verbose

Explanation: While processing the list volumes request, the ftserver found a fileset that could not be opened.

System Action: The request will continue.

Administrator Response: There may be a valid reason why the fileset could not be opened. Use the error text to determine whether additional action is necessary. If the problem continues, contact the service representative.

IOEF06075E *program_name***: ftserver unable to list attached aggregates:** *error_text***.**

Severity: svc_c_sev_error

Explanation: The ftserver cannot determine the initial number of attached aggregates.

System Action: The ftserver will not process the requested operation.

Administrator Response: Use the error text to determine why the ftserver failed this call. If the problem continues, contact the service representative.

IOEF06081E *program_name***: ftserver forward write dump exception, error information:** *exception_info*

Severity: svc_c_sev_error

Explanation: The ftserver found an exception while processing an ftserver forward request during dump processing. The exception occurred in the thread that was created to perform the dump processing.

System Action: The ftserver will not process the forward operation.

Administrator Response: Use the error information to determine the cause of the exception. If the problem continues, contact the service representative.

IOEF06083E *program_name***: ftserver forward write set RPC binding timeout error:** *error_text***.**

Severity: svc_c_sev_error

Explanation: The ftserver is attempting to create a new connection to the target server before beginning the restore process during the ftserver forward request. The failure occurred when trying to set the RPC timeout value.

System Action: The ftserver will not process the forward operation.

Administrator Response: Use the error text to determine what caused the failure. This is an RPC call so it may be an RPC problem. If the problem continues, contact the service representative.

IOEF06084E *program_name***: ftserver forward write restore exception, error information:** *exception_info***.**

Severity: svc_c_sev_error

Explanation: The ftserver found an exception while executing an ftserver forward request during restore processing.

System Action: The ftserver will not process the forward operation.

Administrator Response: Use the error information to determine the cause of the exception. If the problem continues, contact the service representative.

IOEF06085I *program_name***: ftserver forward write pthread join error, errno =** *error_code***.**

Severity: svc_c_sev_warning

Explanation: The ftserver attempted to perform thread cleanup at the end of the ftserver forward request process and failed on a pthread_join call. The actual ftserver forward request may have completed successfully. The log will indicate any failures during the actual dump and restore process.

System Action: The program continues.

Administrator Response: Use the error code to determine what cuased the failure. If the problem continues, contact the service representative.

IOEF06086I *program_name***: ftserver forward write pthread detach error, errno =** *error_code*

Severity: svc_c_sev_warning

Explanation: The ftserver attempted to perform thread cleanup at the end of the ftserver forward request process and failed on a pthread_detach call. The actual ftserver forward request may have completed successfully. The log will indicate any failures during the actual dump and restore process.

System Action: The program continues.

Administrator Response: Use the error code to determine what caused the failure. If the problem continues, contact the service representative.

IOEF06087E **forward request ended (***fileset_id_hi***,,***fileset_id_low/aggregate_id***), dump and restore errors were:** *dump_code***,** *restore_code*

Severity: svc_c_sev_error

Explanation: The ftserver failed both the dump and restore during an ftserver forward request.

System Action: The ftserver will not process the forward operation.

Administrator Response: Use the error information to determine the cause of each problem. If the dump process failed for the fileset, then the restore process from this dump will also fail. If the problem continues, contact the service representative.

IOEF06501E Cannot clone fileset *fileset_descriptor* **to fileset** *fileset_descriptor***:** *error_text***.**

Severity: svc_c_sev_error

Explanation: The fileset cannot be cloned for the reason indicated in the error message.

System Action: The command or request running ends.

Administrator Response: Refer to the error message to determine what caused the problem and try the request again. If the problem continues, contact the service representative.

IOEF06502E Cannot unclone fileset *fileset_descriptor* **from fileset** *fileset_descriptor***:** *error_text***.**

Severity: svc_c_sev_error

Explanation: The fileset cannot be uncloned for the reason indicated in the error message.

System Action: The command or request running ends.

Administrator Response: Refer to the error message to determine what caused the problem and try the request again. If the problem continues, contact the service representative.

IOEF06503E Cannot reclone fileset *fileset_descriptor* **from fileset** *fileset_descriptor***:** *error_text***.**

Severity: svc_c_sev_error

Explanation: The fileset cannot be recloned for the reason indicated in the error message.

System Action: The command or request running ends.

Administrator Response: Refer to the error message to determine what caused the problem and try the request again. If the problem continues, contact the service representative.

IOEF06504E Cannot deplete fileset *fileset_descriptor***:** *error_text***.**

Severity: svc_c_sev_error

Explanation: The fileset cannot be depleted for the reason indicated in the error message.

System Action: The command or request running ends.

Administrator Response: Refer to the error message

to determine what caused the problem and try the request again. If the problem continues, contact the service representative.

IOEF06505E ftserver: got *size* **bytes, not** *requested_size***, reading file.**

Severity: svc_c_sev_error

Explanation: During the dump operation, some of the bytes were not read from the file but processing continues.

System Action: The program continues.

Administrator Response: Although processing continues, attempt the operation again after this one completes. If the problem continues, contact the service representative.

IOEF06506E vols_DumpDir: Dumped name is longer than allowed on this system (*size* **bytes, when only** *max_size* **bytes allowed).**

Severity: svc_c_sev_error

Explanation: The length of the dumped name is too long.

System Action: The program continues.

Administrator Response: Specify name lengths that are less than the maximum length allowed on this system.

IOEF06509E ftserver dump: ACL *acl_type* **(id** *fileset_id***) too long:** *size***, maximum is** *max_size***.**

Severity: svc_c_sev_error

Explanation: The length of the dumped ACL is too long.

System Action: The program continues.

Administrator Response: Specify ACL lengths that are less than the maximum length specified in this message.

IOEF06513E ftserver dump: fileset *fileset_id_hi***,,***fileset_id_low* **index** *index***: get attributes request ended with** *error_code***.**

Severity: svc_c_sev_error

Explanation: The dump process cannot get the attributes for a file.

System Action: The program continues.

Administrator Response: Refer to the error code to determine the cause of the problem, then try the

request again. If the problem continues, contact the service representative.

IOEF06519E Unable to get information for aggregate *aggregate_id*, **code =** *error_code* (*error_text*).

Severity: svc_c_sev_error

Explanation: The program cannot get the aggregate information for the reason indicated in the error message.

System Action: The command or request running ends.

Administrator Response: Refer to the error code to determine the cause of the problem, then try the request again. If the problem continues, contact the service representative.

IOEF06520E Unable to synchronize aggregate *aggregate_id*, **code =** *error_code* (*error_text*).

Severity: svc_c_sev_error

Explanation: The program cannot synchronize the aggregate for the reason indicated in the error message.

System Action: The command or request running ends.

Administrator Response: Refer to the error code to determine the cause of the problem, then try the request again. If the problem continues, contact the service representative.

IOEF06522E Unable to create fileset *fileset_name* (*fileset_id_hi*,,*fileset_id_low*), **code =** *error_code* (*error_text*)

Severity: svc_c_sev_error

Explanation: The program cannot create the fileset for the reason indicated in the error message.

System Action: The command or request running ends.

Administrator Response: Refer to the error code to determine the cause of the problem, then try the request again. If the problem continues, contact the service representative.

IOEF06523E Unable to open fileset *aggregate_id*:*fileset_id_hi*,,*fileset_id_low*, **code =** *error_code* (*error_text*).

Severity: svc_c_sev_error

Explanation: The program cannot open the fileset for the reason indicated in the error message.

System Action: The command or request running ends.

Administrator Response: Refer to the error code to determine the cause of the problem, then try the request again. If the problem continues, contact the service representative.

IOEF06524E Unable to close fileset *fileset_descriptor*, **code =** *error_code* (*error_text*).

Severity: svc_c_sev_error

Explanation: The program cannot close the fileset for the reason indicated in the error message.

System Action: The command or request running ends.

Administrator Response: Refer to the error code to determine the cause of the problem, then try the request again. If the problem continues, contact the service representative.

IOEF06525E Unable to close fileset *fileset_descriptor*, **code =** *error_code* (*error_text*).

Severity: svc_c_sev_error

Explanation: The program cannot close the fileset while aborting for the reason indicated in the error message.

System Action: The command or request running ends.

Administrator Response: Refer to the error code to determine the cause of the problem, then try the request again. If the problem continues, contact the service representative.

IOEF06526E Unable to enumerate filesets on aggregate *aggregate_id*, **code =** *error_code* (*error_text*).

Severity: svc_c_sev_error

Explanation: The program cannot enumerate filesets on the aggregate for the reason indicated in the error message.

System Action: The command or request running ends.

Administrator Response: Refer to the error code to determine the cause of the problem, then try the request again. If the problem continues, contact the service representative.

IOEF06527E Unable to look up fileset *fileset_name* **on aggregate** *aggregate_id*, **code =** *error_code* (*error_text*).

Severity: svc_c_sev_error

Explanation: The program cannot lookup the fileset

on the aggregate for the reason indicated in the error message.

System Action: The command or request running ends.

Administrator Response: Refer to the error code to determine the cause of the problem, then try the request again. If the problem continues, contact the service representative.

IOEF06528E Cannot get status for fileset *fileset_descriptor*, **code =** *error_code* (*error_text*)**.**

Severity: svc_c_sev_error

Explanation: The program cannot get status for the fileset for the reason indicated in the error message.

System Action: The command or request running ends.

Administrator Response: Refer to the error code to determine the cause of the problem, then try the request again. If the problem continues, contact the service representative.

IOEF06529E Cannot set status for fileset *fileset_descriptor*, **code =** *error_code* (*error_text*)**.**

Severity: svc_c_sev_error

Explanation: The program cannot set status for the fileset for the reason indicated in the error message.

System Action: The command or request running ends.

Administrator Response: Refer to the error code to determine the cause of the problem, then try the request again. If the problem continues, contact the service representative.

IOEF06530E Unable to set status for *number_of_filesets* **filesets, code =** *error_code* (*error_text*)**.**

Severity: svc_c_sev_error

Explanation: The program cannot set status for *nn* filesets for the reason indicated in the error message.

System Action: The command or request running ends.

Administrator Response: Refer to the error code to determine the cause of the problem, then try the request again. If the problem continues, contact the service representative.

IOEF06531E Cannot push status for fileset *fileset_descriptor*, **code =** *error_code* (*error_text*)**.**

Severity: svc_c_sev_error

Explanation: The program cannot push status for the fileset for the reason indicated in the error message.

System Action: The command or request running ends.

Administrator Response: Refer to the error code to determine the cause of the problem, then try the request again. If the problem continues, contact the service representative.

IOEF06532E Unable to synchronize fileset *fileset_descriptor*, **code =** *error_code* (*error_text*)**.**

Severity: svc_c_sev_error

Explanation: The program cannot synchronize the fileset for the reason indicated in the error message.

System Action: The command or request running ends.

Administrator Response: Refer to the error code to determine the cause of the problem, then try the request again. If the problem continues, contact the service representative.

IOEF06536E Unable to open and delete fileset *fileset_name*, **code =** *error_code* (*error_text*)**.**

Severity: svc_c_sev_error

Explanation: The program cannot open the fileset for the reason indicated in the error message.

System Action: The command or request running ends.

Administrator Response: Refer to the error code to determine the cause of the problem, then try the request again. If the problem continues, contact the service representative.

IOEF06538E Clone operation ended, code = *error_code* (*error_text*)**.**

Severity: svc_c_sev_error

Explanation: The clone operation failed for the reason indicated in the error message.

System Action: The command or request running ends.

Administrator Response: Refer to the error code to determine the cause of the problem, then try the request again. If the problem continues, contact the service representative.

IOEF06540E Unable to reclone fileset
fileset_id_hi,,*fileset_id_low*, **code =**
error_code (*error_text*)**.**

Severity: svc_c_sev_error

Explanation: The program cannot reclone the fileset
for the reason indicated in the error message.

System Action: The command or request running
ends.

Administrator Response: Refer to the error code to
determine the cause of the problem, then try the
request again. If the problem continues, contact the
service representative.

IOEF06548E Cannot delete fileset
fileset_id_hi,,*fileset_id_low*, **code =**
error_code (*error_text*)**.**

Severity: svc_c_sev_error

Explanation: The program cannot delete the fileset for
the reason indicated in the error message.

System Action: The command or request running
ends.

Administrator Response: Refer to the error code to
determine the cause of the problem, then try the
request again. If the problem continues, contact the
service representative.

IOEF06550E Unable to dump fileset
fileset_id_hi,,*fileset_id_low*, **code =**
error_code (*error_text*)**.**

Severity: svc_c_sev_error

Explanation: The program cannot dump the fileset for
the reason indicated in the error message.

System Action: The command or request running
ends.

Administrator Response: Refer to the error code to
determine the cause of the problem, then try the
request again. If the problem continues, contact the
service representative.

IOEF06552I Restored inconsistent fileset
(*fileset_id_hi*,,*fileset_id_low*)**.**

Severity: svc_c_sev_notice_verbose

Explanation: The filset restored correctly but it was
inconsistent before the restore and remains that way.

System Action: The program continues.

Administrator Response: Try to determine why this
fileset is inconsistent.

IOEF06553E Cannot restore fileset
fileset_id_hi,,*fileset_id_low*, **code =**
error_code (*error_text*)**.**

Severity: svc_c_sev_error

Explanation: The program cannot restore the fileset
for the reason indicated in the error message.

System Action: The command or request running
ends.

Administrator Response: Refer to the error code to
determine the cause of the problem, then try the
request again. If the problem continues, contact the
service representative.

IOEF06555E vols_RestoreString: cannot find null in
length **byte character string.**

Severity: svc_c_sev_error

Explanation: The restore process did not find a null in
what should have been a null terminated string.

System Action: The command or request running
ends.

Administrator Response: The string found by the
restore process should have been a null terminated
string. This problem may have originated when the data
was dumped and cannot be corrected now. If a previous
level exists, try the process again using that level.

IOEF06557E vols_RestoreShort: expected length
length_expected, **found** *length_found***.**

Severity: svc_c_sev_error

Explanation: The restore process encountered an
incorrect length when restoring a short variable type.

System Action: The command or request running
ends.

Administrator Response: The error may have
originated when the data was dumped and cannot be
corrected now. If a previous level exists, try the process
using that level.

IOEF06558E vols_RestoreLong: expected length
length_expected, **found** *length_found***.**

Severity: svc_c_sev_error

Explanation: The restore process encountered an
incorrect length when restoring a long variable type.

System Action: The command or request running
ends.

Administrator Response: The error may have
originated when the data was dumped and cannot be
corrected now. If a previous level exists, try the porcess
using that level.

IOEF06559E vols_RestoreHyper: expected length *length_expected*, **found** *length_found*.

Severity: svc_c_sev_error

Explanation: The restore process encountered an incorrect length when restoring a hyper variable type.

System Action: The command or request running ends.

Administrator Response: The error may have originated when the data was dumped and cannot be corrected now. If a previous level exists, try the process using that level.

IOEF06560E vols_RestoreTime: expected length *length_expected*, **found** *length_found*.

Severity: svc_c_sev_error

Explanation: The restore process encountered an incorrect length when restoring a time value variable type.

System Action: The command or request running ends.

Administrator Response: The error may have originated when the data was dumped and cannot be corrected now. If a previous level exists, try the process using that level.

IOEF06561E vols_SmashVnode: expected length *length_expected*, **found** *length_found*.

Severity: svc_c_sev_error

Explanation: The restore process encountered an incorrect length when restoring a vnode variable type.

System Action: The command or request running ends.

Administrator Response: The error may have originated when the data was dumped and cannot be corrected now. If a previous level exists, try the process using that level.

IOEF06566E vols_SmashAllVnodes: expected length *length_expected*, **found** *length_found*.

Severity: svc_c_sev_error

Explanation: The restore process encountered an incorrect length when restoring a vnode variable type.

System Action: The command or request running ends.

Administrator Response: The error may have originated when the data was dumped and cannot be corrected now. If a previous level exists, try the process using that level.

IOEF06571E vols_RestoreData: expected length of at least *length_expected*, **found** *length_found*.

Severity: svc_c_sev_error

Explanation: The restore process encountered an incorrect length error when restoring data.

System Action: The command or request running ends.

Administrator Response: The error may have originated when the data was dumped and cannot be corrected now. If a previous level exists, try the process using that level.

IOEF06575E vols_RestoreDir: expected length *length_expected*, **found** *length_found*.

Severity: svc_c_sev_error

Explanation: The restore process encountered an incorrect length error when restoring directory data.

System Action: The command or request running ends.

Administrator Response: The error may have originated when the data was dumped and cannot be corrected now. If a previous level exists, try the process using that level.

IOEF06576E vols_RestoreDir: unknown directory dump version: *version*.

Severity: svc_c_sev_error

Explanation: The restore process encountered a version error when restoring a directory.

System Action: The command or request running ends.

Administrator Response: This unknown dump version may have originated when the data was dumped and cannot be corrected now. If a previous level exists, try the process using that level.

IOEF06577E vols_RestoreDir: expected length of *length_expected*, **found** *length_found*.

Severity: svc_c_sev_error

Explanation: The restore process encountered an incorrect length when restoring a directory vnode.

System Action: The command or request running ends.

Administrator Response: The error may have originated when the data was dumped and cannot be corrected now. If a previous level exists, try the process using that level.

IOEF06578E vols_RestoreDir: Directory name of
length_expected **bytes is longer than maximum of** *length_found* **bytes.**

Severity: svc_c_sev_error

Explanation: The restore process encountered an incorrect length when restoring a directory name.

System Action: The command or request running ends.

Administrator Response: The error may have originated when the data was dumped and cannot be corrected now. If a previous level exists, try the process using that level.

IOEF06579E vols_RestoreVnode: expected length
length_expected, **found** *length_found*.

Severity: svc_c_sev_error

Explanation: The restore encountered an incorrect string length restoring a vnode variable type.

System Action: The command or request running ends.

Administrator Response: The error may have originated when the data was dumped and cannot be corrected now. If a previous level exists, try the process using that level.

IOEF06580E vols_RestoreAcl: expected minimum length of *length_expected*, **found**
length_found.

Severity: svc_c_sev_error

Explanation: The restore process encountered an incorrect string length when restoring a vnode ACL variable type.

System Action: The command or request running ends.

Administrator Response: The error may have originated when the data was dumped and cannot be corrected now. If a previous level exists, try the process using that level.

IOEF06581E vols_RestoreAcl(copy): expected length *length_expected*, **found**
length_found.

Severity: svc_c_sev_error

Explanation: The restore process encountered an incorrect string length when restoring a vnode ACL variable type.

System Action: The command or request running ends.

Administrator Response: The error may have originated when the data was dumped and cannot be

---

corrected now. If a previous level exists, try the process using that level.

IOEF06586E ftserver restore: (*vnode***, ***unique_id***):**
cannot get attributes: *error_code*.

Severity: svc_c_sev_error

Explanation: The ftserver was unable to get the attributes during the restoration of a vnode.

System Action: The program continues.

Administrator Response: After the vnode was restored and the attributes were reset, they could not be read. Use the error code to determine how to correct the problem. If the problem continues, contact the service representative.

IOEF06587E ftserver restore: (*vnode***, ***unique_id***): set**
to *set_fileset_id_hi*,,*set_fileset_id_low*,
but returned as
ret_fileset_id_hi,,*ret_fileset_id_low*.

Severity: svc_c_sev_error

Explanation: During the restoration of a vnode, the attributes were set to an unexpected value.

System Action: The program continues.

Administrator Response: The attributes were not reset to the expected values after the vnode was restored. If the problem continues, contact the service representative.

IOEF06588E vols_RestoreUnique: expected length
length_expected, **found** *length_found*.

Severity: svc_c_sev_error

Explanation: The restore process encountered an incorrect string length when restoring a vnode opcode variable type.

System Action: The command or request running ends.

Administrator Response: The error may have originated when the data was dumped and cannot be corrected now. If a previous level exists, try the process using that level.

IOEF06589E vols_Restore(dumpstyle): expected length *length_expected*, **found**
length_found.

Severity: svc_c_sev_error

Explanation: The restore process encountered an incorrect string length restoring a header variable type.

System Action: The command or request running ends.

Administrator Response: The error may have

originated when the data was dumped and cannot be corrected now. If a previous level exists, try the process using that level.

IOEF06590E ftserver restore: set status ended with *error_code***.**

Severity: svc_c_sev_error

Explanation: The status could not be set during the restoration of a fileset.

System Action: The program continues.

Administrator Response: This error occurred after the fileset was restored and an attempt was made to set the status. Use the error code to determine what caused the problem. If the problem continues, contact the service representative.

IOEF06591E ftserver restore: get status ended with *error_code***.**

Severity: svc_c_sev_error

Explanation: The ftserver was unable to get the status during the restoration of a fileset.

System Action: The program continues.

Administrator Response: This error occurred after the fileset was restored and an attempt was made to get the status. Use the error code to determine what caused the problem. If the problem continues, contact the service representative.

IOEF06592E ftserver restore: set to *set_fileset_id_hi***,,***set_fileset_id_low***, but returned as** *ret_fileset_id_hi***,,***ret_fileset_id_low***.**

Severity: svc_c_sev_error

Explanation: During the restoration process, the status was set to an unexpected value.

System Action: The program continues.

Administrator Response: The error occurred after the fileset was restored and the status was set successfully. The get status attempt returned the wrong values. If the problem continues, contact the service representative.

IOEF06594E vols_RestoreVnode: cannot set acl type *acl_type* **in vnode** *vnode***: error** *rccode*

Severity: svc_c_sev_error

Explanation: While attempting to set an ACL, the restore process of the vnode for a file failed.

System Action: The program continues.

Administrator Response: If the problem continues, contact the service representative.

IOEF06595E vols_RestoreNUnique: expected multiple of 4, not *length*

Severity: svc_c_sev_error

Explanation: The unique ID generator for the file system must be a multiple of 4 in length.

System Action: Restore is terminated. The program continues.

Administrator Response: If the problem continues, contact the service representative.

IOEF06596E Ignoring bogus forward ID in fileset *cur_fileset_id_hi***,,***cur_fileset_id_low* **(was** *fwd_fileset_id_hi***,,***fwd_fileset_id_low***)**

Severity: svc_c_sev_error

Explanation: A forward ID points to the fileset being removed. The pointer is ignored because the repserver can leave filesets in this state.

System Action: The program continues.

IOEF06597E Cannot swap IDs for descriptions *filedesc1* **and** *filedesc2***, code =** *rccode* **(***message***)**

Severity: svc_c_sev_error

Explanation: Two fileset identifiers are being swapped. An error occurred in a service called while performing the swap.

System Action: The program continues.

Administrator Response: The filesets are in an unpredictable state and you may need to take action to correct this. For example, the FLDB may need to be unlocked. If the problem continues, contact the service representative.

IOEF06598E Ignoring bogus back ID in fileset *cur_fileset_id_hi***,,***cur_fileset_id_low* **(was** *back_fileset_id_hi***,,***back_fileset_id_low***)**

Severity: svc_c_sev_error

Explanation: A backward ID points to the fileset being removed. The pointer is ignored because the repserver can leave filesets in this state.

System Action: The program continues.

IOEF07062E Cannot access file *filename***:** *error_text***.**

Severity: svc_c_sev_error

Explanation: Cannot open the specified file name.

System Action: The request fails.

Administrator Response: Additional information is found in the preceding message. Correct the error listed. Then try the request again.

**IOEF07063E StartVOLSER_Restore
                ended=**error_code

Severity: svc_c_sev_error

Explanation: The call to the **StartVOLSER_Restore()** function failed.

System Action: The request fails.

Administrator Response: Correct the error listed. Then try the request again.

IOEF07064E Cannot open file 'filename**' (error**
                error_code**):** error_text**.**

Severity: svc_c_sev_error

Explanation: Cannot open the specified file name.

System Action: The request fails.

Administrator Response: Additional information is found in the preceding message. Correct the error listed. Then try the request again.

IOEF07065E Cannot create file 'filename**' (error**
                error_code**):** error_text

Severity: svc_c_sev_error

Explanation: Cannot create the specified file name.

System Action: The request fails.

Administrator Response: Additional information is found in the preceding message. Correct the error listed. Then try the request again.

IOEF07113E dir_name **is not a mount point.**

Severity: svc_c_sev_error

Explanation: The directory name specified is not a mount point for a fileset.

System Action: The request fails.

Administrator Response: Correct the directory name or use the **fts crmount** command to create the desired directory name mount point. Then try the request again.

IOEF07114E dfs_command dfs_option**: Fileset**
                fileset_name **already exists.**

Severity: svc_c_sev_error

Explanation: The specified fileset already exists in the FLDB.

System Action: The request fails.

Administrator Response: Specify a different fileset name. Then try the request again.

IOEF07115E dfs_command dfs_option**: neither -server**
                nor -aggregate may be used with
                -fileset.

Severity: svc_c_sev_error

Explanation: Cannot use the **-server** or the **-aggregate** options with the **-fileset** option.

System Action: The request fails.

Administrator Response: Correct the command syntax. Then try the request again.

IOEF07116E dfs_command dfs_option**: Null prefix**
                incorrect without -server or -aggregate.

Severity: svc_c_sev_error

Explanation: A string value needs to be specified for the **-prefix** option when the **-server** and the **-aggregate** are not specified.

System Action: The request fails.

Administrator Response: Specify a string value for the -prefix option. Then try the request again.

IOEF07117E dfs_command dfs_option**: Must specify**
                either -time or -version: exiting.

Severity: svc_c_sev_error

Explanation: Specify either a **-time** or a **-version** option with this command.

System Action: The request fails.

Administrator Response: Correct the command syntax. Then try the request again.

IOEF07118E dfs_command dfs_option**: Specify either**
                -time or -version, not both: exiting.

Severity: svc_c_sev_error

Explanation: Specify either a **-time** or a **-version** option with this command; not both.

System Action: The request fails.

Administrator Response: Correct the command syntax. Then try the request again.

IOEF07119E dfs_command dfs_option**: Bad -time**
                argument time**:** time_description**.**

Severity: svc_c_sev_error

Explanation: Cannot convert the value specified with the **-time** option.

System Action: The request fails.

Administrator Response: Correct the value specified with the **-time** option. Then try the request again.

IOEF07120E *dfs_command dfs_option*: **Cannot parse** *version_number* **as a version number (high.low or high,,low).**

Severity: svc_c_sev_error

Explanation: The number specified with the **-version** option is not valid and and cannot be parsed by **fts_IsNumeric()**.

System Action: The request fails.

Administrator Response: Correct the specified version number. Then try the request again. If the problem continues, contact the service representative.

IOEF07121E *dfs_command dfs_option*: **Cannot use -server, -aggregate, or -locked with -fileset.**

Severity: svc_c_sev_error

Explanation: The **-server**, **-aggregate**, or **-locked** options cannot be used when **-fileset** option is specified.

System Action: The request fails.

Administrator Response: Correct the command syntax. Then try the request again.

IOEF07122E *dfs_command dfs_option*: **Replication type and values must be set before releasing this fileset (***fileset_name***).**

Severity: svc_c_sev_error

Explanation: Replication type and values have not been set for this command.

System Action: The request fails.

Administrator Response: Run the **fts setrepinfo** command to set the replication type and values necessary to run the **fts release** command. After successfully running **fts setrepinfo**, try the **fts release** command again.

IOEF07123E *dfs_command dfs_option*: **'release' not supported with scheduled replication.**

Severity: svc_c_sev_error

Explanation: This command cannot be used for a fileset that has been set to scheduled type by the **fts setrepinfo** command.

System Action: The request fails.

Administrator Response: Change the desired fileset replication type by running the **fts setrepinfo** command using both the **'-change'** and **'-release'** options. After successfully running **fts setrepinfo**, try the **fts release** command again.

IOEF07124E *dfs_command dfs_option*: **Cannot find entry for fileset** *old_fileset_name* **or** *new_fileset_name* **(***error_code1***,** *error_code2***).**

Severity: svc_c_sev_error

Explanation: The specified fileset entry name was not found.

System Action: The request fails.

Administrator Response: Specify a different fileset name. Then try the request again.

IOEF07125E *dfs_command dfs_option*: **The fileset** *fileset_name* **(***fileset_id_hi***,,***fileset_id_low***) already exists in the FLDB.**

Severity: svc_c_sev_error

Explanation: The specified fileset name was found in the FLDB.

System Action: The program continues.

Administrator Response: None.

IOEF07126E *dfs_command dfs_option*: **Use the '-overwrite' option to overwrite it.**

Severity: svc_c_sev_error

Explanation: Specify the **-overwrite** option if you want to overwrite an existing fileset on a restore.

System Action: The request fails.

Administrator Response: Correct the command syntax by adding the **-overwrite** option. Then try the request again.

IOEF07127I *dfs_command dfs_option*: **Overwriting the existing entry.**

Severity: svc_c_sev_notice_verbose

Explanation: This is an informational message displayed when you are restoring to a fileset that already exists.

System Action: The program continues.

Administrator Response: None.

IOEF07128E **Fileset** *fileset_name* **does not exist, cannot create on non-LFS aggregate** *aggregate_name* **of** *server_name***.**

Severity: svc_c_sev_error

Explanation: The fileset name specified does not exist and cannot be created on a non-LFS aggregate.

System Action: The request fails.

Administrator Response: Check to make sure the aggregate name specified exists and is an LFS

aggregate. Correct the command syntax. Then try the request again. If the problem continues, contact the service representative.

IOEF07129I Fileset *fileset_name* **does not exist, creating it in** *aggregate_name* **of** *server_name*.

Severity: svc_c_sev_notice_verbose

Explanation: This is an informational message displayed when you are restoring to a fileset that does not exist but will be created.

System Action: The program continues.

Administrator Response: None.

IOEF07130E *dfs_command dfs_option*: **Use only one of '-release' and '-scheduled' options.**

Severity: svc_c_sev_error

Explanation: Specify either the **-release** or a **-scheduled** option with this command; not both.

System Action: The request fails.

Administrator Response: Correct the command syntax. Then try the request again.

IOEF07131E *dfs_command dfs_option*: **'-change' is inappropriate; replication style for fileset** *fileset_name* **is not yet defined.**

Severity: svc_c_sev_error

Explanation: The **-change** option cannot be used because the fileset replication type has not been set.

System Action: The request fails.

Administrator Response: Remove the **-change** option. Then try the request again. Only use the **-change** option after successfully running the **fts setrepinfo** command to set the replication type. Then try the request again.

IOEF07132E *dfs_command dfs_option*: **'-change' must be used with either '-release' or '-scheduled' options.**

Severity: svc_c_sev_error

Explanation: Specify either **-release** or **-scheduled** when the **-change** option is specified.

System Action: The request fails.

Administrator Response: Correct the command syntax. Then try the request again.

IOEF07133E *dfs_command dfs_option*: **Fileset** *fileset_name* **is already** *rep_type* **replicated;**

Severity: svc_c_sev_error

Explanation: The specified fileset name was already replicated. More information will follow this message.

System Action: The program continues.

Administrator Response: None.

IOEF07136E *dfs_command dfs_option*: **Replication type must be specified for the fileset** *fileset_name* **for this command.**

Severity: svc_c_sev_error

Explanation: Specify either the **-release** option or the **-scheduled** option for this command.

System Action: The request fails.

Administrator Response: Correct the command syntax. Then try the request again.

IOEF07137E *dfs_command dfs_option*: **Cannot set replication information for** *fileset_name*: **ID for R/O fileset is missing.**

Severity: svc_c_sev_error

Explanation: Cannot find the identifier for the read-only fileset.

System Action: The request fails.

Administrator Response: Ensure that the correct fileset name or identifier was specified. If necessary, run the **fts syncfldb** command. Also ensure that the **fts setrepinfo** and the **fts addsite** commands have been run before running this command. Then try the request again. If the problem continues, contact the service representative.

IOEF07138E *dfs_command dfs_option*: **Cannot set replication information for** *fileset_name*: **site for R/W fileset is missing.**

Severity: svc_c_sev_error

Explanation: Cannot find the site for the specified read-write fileset.

System Action: The request fails.

Administrator Response: Ensure that the correct fileset name was specified. Run the **fts syncfldb** command before running this command. If necessary, recreate the fileset for the site by using the **fts delete** command and then call the **fts create** command to recreate the fileset. Be aware that running **fts delete** and **fts create** will delete the entire contents of the specified fileset. Then try the request again. If the problem continues, contact the service representative.

IOEF07139E *dfs_command dfs_option*: **Must have a local staging replica for -release replication, exiting.**

Severity: svc_c_sev_error

Explanation: The command cannot complete setting release replication information because there is no local staging replica.

System Action: The request fails.

Administrator Response: Ensure that the following conditions have been met:

- Read-write fileset root.dfs is a DCE LFS fileset.
- root.dfs was mounted with an explicit read-write mount point
- root.dfs is replicated.

Additional information about configuring root.dfs to support replication can be found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915. Then try the request again. If the problem continues, contact the service representative.

IOEF07140E *dfs_command dfs_option*: **Must specify all parameters if -*option*, -*option*, or -*option* is given.**

Severity: svc_c_sev_error

Explanation: Specify all replication parameters for scheduled replication if you specified any of the options listed in the error message.

System Action: The request fails.

Administrator Response: Correct the command syntax. Then try the request again. Additional information about **fts setrepinfo** is found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915.

IOEF07141E *dfs_command dfs_option*: **Must specify -*option* and -*option* if -*option* is given.**

Severity: svc_c_sev_error

Explanation: Specify both the **-maxage** and **-reclaimwait** options if the **-failage** option is specified for release replication.

System Action: The request fails.

Administrator Response: Correct the command syntax. Then try the request again. Additional information about **fts setrepinfo** be is found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915.

IOEF07145E *dfs_command dfs_option*: **Error: Each site requires a *name*.**

Severity: svc_c_sev_error

Explanation: The default site age was not specified for this command.

System Action: The program continues.

Administrator Response: Correct the command syntax. Then try the request again.

IOEF07147E *dfs_command dfs_option*: **Error: *bad_time*, the *time* for *time*, must not be smaller.**

Severity: svc_c_sev_error

Explanation: An error was found while trying to set or change time replication parameters. More information will follow this message.

System Action: The program continues.

Administrator Response: Correct the error listed in the error message. Then try the request again.

IOEF07151E *dfs_command dfs_option*: **Replication information for *fileset_name* is inconsistent. Exiting.**

Severity: svc_c_sev_error

Explanation: A previous error was found with replication information for the fileset. The processing for this command will be halted.

System Action: The request fails.

Administrator Response: Additional information is found in the preceding message. Correct the error listed. Then try the request again.

IOEF07152E *dfs_command dfs_option*: **Error deleting previous replication for *fileset_name*.**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to delete a fileset release replication. The **volc_Call()** function failed.

System Action: The request fails.

Administrator Response: Additional information is found in the preceding message. Correct the error listed after this message. Then try the request again.

IOEF07154E *dfs_command dfs_option*: **Cannot delete formerly identified replication type.**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to change from release replication type to scheduled replication type for the specified fileset. The call to

vldb_ReplaceEntry() failed and the release type replica was deleted.

System Action: The request fails.

Administrator Response: Additional information is found in the preceding message. Correct the error listed after this message. Then try the request again.

IOEF07155E *dfs_command dfs_option*: **Must specify either -all or a server name.**

Severity: svc_c_sev_error

Explanation: Specify either the **-all** option or the **-server** option for this command.

System Action: The request fails.

Administrator Response: Correct the command syntax. Then try the request again.

IOEF07156I *dfs_command dfs_option*: **Ignoring '-server', because '-all' was given.**

Severity: svc_c_sev_notice_verbose

Explanation: When both the **-all** and **-server** options are specified, the **-server** option is ignored.

System Action: The program continues.

Administrator Response: None.

IOEF07157E *dfs_command dfs_option*: **Cannot find read-only fileset ID for** *fileset_id_hi*,,*fileset_id_low*.

Severity: svc_c_sev_error

Explanation: The read-only identifier for the specified fileset cannot be found.

System Action: The request fails.

Administrator Response: Make sure the correct fileset identifer was specified. Run a **fts lsfldb** command to make sure the fileset entry is valid. Make sure the commands **fts setrepinfo** and **fts addsite** are run for the fileset identifier. Additional information can be found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915. Then try the request again. If the problem continues, contact the service representative.

IOEF07158E *dfs_command dfs_option*: **repserver on** *server_name* **cannot update:** *error_text*.

Severity: svc_c_sev_error

Explanation: An error occurred while trying to update replicas of a read-write fileset that uses schedule replication.

System Action: The program continues.

Administrator Response: Refer to the error text that

is provided with this message. Correct the problem. Then try the request again. If the problem continues, contact the service representative.

IOEF07159E *dfs_command dfs_option*: **Cannot find (IP) servers in FLDB for** *fileset_id_hi*,,*fileset_id_low* (*server_entry*) **to match** *server_name*/*aggregate_id*.

Severity: svc_c_sev_error

Explanation: The specified server for the fileset to be replicated was not found.

System Action: The request fails.

Administrator Response: Ensure that the **-fileset** and the **-server** values are correct. Run the **fts lsfldb** command to make sure entry for this fileset is valid. Make sure the **fts setrepinfo** and **fts addsite** have been run. Try the request again. If the problem continues, contact the service representative. Additional information can be found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915.

IOEF07160E *dfs_command dfs_option*: **Cannot find (IP) R/O servers in FLDB for** *fileset_id_hi*,,*fileset_id_low* (*server_entry*).

Severity: svc_c_sev_error

Explanation: The specified server for the fileset to be replicated was not found.

System Action: The request fails.

Administrator Response: Ensure that the **-fileset** value is correct. Run the **fts lsfldb** command to make sure the entry for this fileset is valid. Verify that the **fts setrepinfo** and **fts addsite** have been run. Try the request again. If the problem continues, contact the service representative. Additional information can be found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915.

IOEF07161E *dfs_command dfs_option*: **requires a numeric fileset ID, not a fileset name.**

Severity: svc_c_sev_error

Explanation: Specify a fileset ID and not a fileset name for this command.

System Action: The request fails.

Administrator Response: Change the **-ftid** option to a numeric value. Then try the request again.

IOEF07162E *dfs_command dfs_option*: **Cannot use** *bad_number* **as a numeric argument to -quota.**

Severity: svc_c_sev_error

Explanation: Specify a numeric value on the **-quota** option for this command.

System Action: The request fails.

Administrator Response: Change the **-quota** option to a numeric value. Then try the request again.

IOEF07163E *dfs_command dfs_option*: **Either delete the server address or change it; cannot do both.**

Severity: svc_c_sev_error

Explanation: Specify either the **-rmaddr** or the **-changeaddr** option for this command; not both.

System Action: The request fails.

Administrator Response: Correct the command syntax. Then try the request again.

IOEF07164E *dfs_command dfs_option*: **Fileset** *fileset_name* **is not replicated, exiting.**

Severity: svc_c_sev_error

Explanation: The specified fileset for the **-fileset** option has not been replicated.

System Action: The request fails.

Administrator Response: Ensure that the fileset name is correct. To set replication type and parameters, use the **fts setrepinfo** command. Then try the request again.

IOEF07165E *dfs_command dfs_option*: **Cannot get status of repserver** *server_name*: *error_text*.

Severity: svc_c_sev_error

Explanation: An error occurred while trying to get replication status.

System Action: The request fails.

Administrator Response: Refer to the error text that is provided with this message. Verify that the repserver is up and running properly. Correct the problem. Then try the request again. If the problem continues, contact the service representative.

IOEF07166E *dfs_command dfs_option*: **Cannot find repserver-managed replicas for fileset** *fileset_name*.

Severity: svc_c_sev_error

Explanation: No replicas where found for the specified fileset.

System Action: The program continues.

Administrator Response: Ensure that the correct fileset was specified. Then try the request again.

IOEF07167E *dfs_command dfs_option*: **Cannot find matching filesets for** *fileset_name* **on** *server_name*.

Severity: svc_c_sev_error

Explanation: No replicas where found for the specified fileset and server.

System Action: The program continues.

Administrator Response: Ensure that the correct fileset and server were specified. Then try the request again.

IOEF07168E *dfs_command dfs_option*: **Unable to find replicas on server** *server_name*.

Severity: svc_c_sev_error

Explanation: No replicas were found on the specified server.

System Action: The program continues.

Administrator Response: Ensure that the value for the **-server** option is correct. Then try the request again.

IOEF07169E *dfs_command dfs_option*: **'crfldbentry' is used for non-LFS fileset entries.**

Severity: svc_c_sev_error

Explanation: The attempt to create an LFS fileset entry in the FLDB failed. Use the **fts crfldbentry** command for non-LFS filesets and the **fts create** command for LFS filesets.

System Action: The request fails.

Administrator Response: Use a non-LFS fileset. Then try the request again.

IOEF07170E *dfs_command dfs_option*: **Internal inconsistency: asked for 3 IDs, got** *id_count*.

Severity: svc_c_sev_error

Explanation: A request to get three new fileset IDs failed.

System Action: The request fails.

Administrator Response: Additional information is found in the preceding message. Correct the error identified in the error message. Then try the request again. If the problem continues, contact the service representative.

IOEF07171E *dfs_command dfs_option*: **Fileset does not exist at the site indicated by** *component***.**

Severity: svc_c_sev_error

Explanation: The specified fileset name or ID was not found for the site.

System Action: The request fails.

Administrator Response: Ensure that the correct fileset name or ID was specified. Then try the request again.

IOEF07172E *dfs_command dfs_option*: **Error: Options need to be specified.**

Severity: svc_c_sev_error

Explanation: Options need to be specified for this command.

System Action: The request fails.

Administrator Response: Correct the command syntax. Then try the request again. Additional information about the **fts lsquota** command is found in *z/OS: Distributed File Service DFS Administration*, SC24-5915.

IOEF07173E *dfs_command dfs_option*: **DFS cache manager must be initialized.**

Severity: svc_c_sev_error

Explanation: The cache manager must be configured and running before this command will work.

System Action: The request fails.

Administrator Response: Additional information about the cache manager is found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915.

IOEF07174E *dfs_command dfs_option*: **Cannot read target name for** *sym_link* **symbolic link.**

Severity: svc_c_sev_error

Explanation: The system **readlink()** command failed to read the directory name for the symbolic link.

System Action: The request fails.

Administrator Response: Ensure that the directory name is correct and that all directories in the path to the symbolic link are searchable. Then try the request again.

IOEF07175E *dfs_command dfs_option*: **'.' or '..' cannot be used as the last component of a name.**

Severity: svc_c_sev_error

Explanation: The last element in the specified pathname must be an actual name. A . (dot) or .. (dot dot) cannot be used in the last element of the pathname for a mount point.

System Action: The program continues.

Administrator Response: Correct the command syntax. Then try the request again.

IOEF07176E *dfs_command dfs_option*: **error for file** *directory_name***:** *error_text*

Severity: svc_c_sev_error

Explanation: An error occurred while trying to call **pioctl()**.

System Action: The program continues.

Administrator Response: Correct the error listed in the message. Then try the request again.

IOEF07177E *dfs_command dfs_option*: **mount points must be created within the DFS file system.**

Severity: svc_c_sev_error

Explanation: The call to **fts_InDFS()** indicates that the parent directory for the directory name specified is not in DFS filespace.

System Action: The request fails.

Administrator Response: Ensure that the correct directory name was specified and that the parent directory is in the DFS filespace. Then try the request again.

IOEF07179E *dfs_command dfs_option*: **Attention: fileset** *fileset_name* **does not exist in cell** *cell_name***.**

Severity: svc_c_sev_error

Explanation: The specified fileset name or ID was not found in the cell.

System Action: The program continues.

Administrator Response: None.

IOEF07180E **Error: the fileset name** *fileset_name* **is not valid, mount point not created**

Severity: svc_c_sev_error

Explanation: The specified fileset name or ID is not valid.

System Action: The request fails.

Administrator Response: Correct the fileset specified. Then try the request again.

IOEF07181E *dfs_command dfs_option*: **Attention: error checking for fileset** *fileset_name* **in cell** *cell_name*: *error_text*.

Severity: svc_c_sev_error

Explanation: An error occurred while trying to check for the specified fileset in the cell.

System Action: The program continues.

Administrator Response: Correct the error indicated in the error text. Then try the request again.

IOEF07182E *dfs_command dfs_option*: **error making mount point for** *directory_name*: *error_text*.

Severity: svc_c_sev_error

Explanation: An error occurred while trying to call the **syslink()** function.

System Action: The request fails.

Administrator Response: Correct the error indicated in the error text. Then try the request again.

IOEF07183E *dfs_command dfs_option*: **error removing mount point for** *directory_name*: *error_text*.

Severity: svc_c_sev_error

Explanation: An error occurred while trying to remove a mount point.

System Action: The request fails.

Administrator Response: Correct the error specified in the error text. Ensure that the directory name specified with the **-dir** option is valid. Then try the request again.

IOEF07184E *dfs_command dfs_option*: **Cannot use** *bad_number* **as a numeric argument to -size.**

Severity: svc_c_sev_error

Explanation: The value specified with the **-size** option must be numeric.

System Action: The request fails.

Administrator Response: Correct the value for the **-size** option. Then try the request again.

IOEF07185E *dfs_command dfs_option*: **Specify options for this command.**

Severity: svc_c_sev_error

Explanation: Options must be specified with this command.

System Action: The request fails.

Administrator Response: Use the **-help** option to see the syntax for this command. Correct the syntax for the command. Then try the request again.

IOEF07186E *program_name*: **localauth security initialization ended:** *error_text*.

Severity: svc_c_sev_error

Explanation: An error occurred while trying to initialize client authorization.

System Action: The request fails.

Administrator Response: Correct the error indicated in the error text. Then try the request again. If the problem continues, contact the service representative.

IOEF07187E *program_name*: **missing argument to '-cell': exiting.**

Severity: svc_c_sev_error

Explanation: Specify a cell name with the **-cell** option.

System Action: The request fails.

Administrator Response: Provide a cell name value with the **-cell** option. Then try the request again.

IOEF07208E **Fileset name** *fileset_name* **too long; must be less than** *bad_number* **chars.**

Severity: svc_c_sev_error

Explanation: The specified fileset name length is too long.

System Action: The request fails.

Administrator Response: Correct the fileset name length to be fewer than the maximum number of characters listed in the error message.

IOEF07209E *program_name*: **Number (***bad_number***) is too large. Specify a smaller number.**

Severity: svc_c_sev_error

Explanation: The specified volume number is too large.

System Action: The program continues.

Administrator Response: Specify a smaller volume number. Then try the request again.

IOEF07210E Incorrect fileset name *fileset_name***; should not be a number.**

Severity: svc_c_sev_error

Explanation: The specified fileset must be a name, not a number.

System Action: The program continues.

Administrator Response: Correct the fileset to be a character name. Then try the request again.

IOEF07211E Incorrect fileset name *fileset_name***; cannot end in .readonly or .backup**

Severity: svc_c_sev_error

Explanation: Specify a fileset name that does not end in **.readonly** or **.backup**.

System Action: The program continues.

Administrator Response: Correct the fileset to be a character name. Then try the request again.

IOEF07212E GetServer: numeric host address *bad_address* **is not valid.**

Severity: svc_c_sev_error

Explanation: The specified host address of the server machine is not valid.

System Action: The program continues.

Administrator Response: Specify a valid address for the file server machine using the machine's DCE pathname, host name, or IP address. Refer to the **fts help** command for more information. Correct the file server machine host address. Then try the request again.

IOEF07213E GetServer: cannot create nil UUID: *error_text***.**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to call **uuid_create_nil()** to create a nil UUID for specified server machine.

System Action: The program continues.

Administrator Response: Correct the error specified in the error text. Then try the request again. If the problem continues, contact the service representative.

IOEF07214E GetServer: host *server_name* **cannot be translated:** *error_text***.**

Severity: svc_c_sev_error

Explanation: An error occurred calling the **rpc_locate_dfs_server()** function.

System Action: The program continues.

Administrator Response: Correct the error specified in the error text. Then try the request again. If the problem continues, contact the service representative.

IOEF07215E GetServer: host *server_name* **cannot be translated to an address.**

Severity: svc_c_sev_error

Explanation: An error occurred calling the **rpcx_binding_to_sockaddr()** function.

System Action: The program continues.

Administrator Response: Ensure that the specified server name is correct. Then try the request again. If the problem continues, contact the service representative.

IOEF07216E Incorrect aggregate ID (*aggregate_id***): must be numeric.**

Severity: svc_c_sev_error

Explanation: The specified aggregate identifier must be numeric.

System Action: The program continues.

Administrator Response: Ensure that the specified aggregate ID is numeric. Then try the request again.

IOEF07217E Cannot evaluate aggregate *aggregate_name* **without a server specification.**

Severity: svc_c_sev_error

Explanation: A file server machine must be specified for the aggregate name.

System Action: The program continues.

Administrator Response: Specify the file server machine for the command. Then try the request again.

IOEF07218E Aggregate ID *aggregate_id* **is not exported from the server.**

Severity: svc_c_sev_error

Explanation: The specified aggregate identifier is not exported from the specified file server machine.

System Action: The program continues.

Administrator Response: Ensure that the aggregate identifier and file server machine values are correct. Verify that the aggregate for the specified aggregate identifier has been exported by using the **dfsexport** command from OMVS or the **f dfs,start export** command from the operator's console. Once the aggregate is exported successfully, try the request again.

IOEF07219E Aggregate name *aggregate_name* **is not exported from the server.**

Severity: svc_c_sev_error

Explanation: The specified aggregate name is not exported from file server machine.

System Action: The program continues.

Administrator Response: Ensure that the aggregate name and file server machine values are correct. Verify that the aggregate for the specified aggregate name has been exported by using the **dfsexport** command from OMVS or the **f dfs,start export** command from the operator's console. Once the aggregate is exported successfully, try the request again.

IOEF07220E Cannot get the specified type of aggregate *aggregate_id***.**

Severity: svc_c_sev_error

Explanation: An error occurred trying to get the aggregate type for the specified aggregate identifier and file server machine.

System Action: The program continues.

Administrator Response: Ensure that the aggregate identifier and file server machine values are correct. Verify that the aggregate for the specified aggregate identifier has been exported by using the **dfsexport** command from OMVS or the **f dfs,start export** command from the operator's console. Once the aggregate is exported successfully, try the request again.

IOEF07221E *cmdname* **supported only on** *supported_filesets* **filesets (e.g. not on this** *unsupported_fileset_type* **one).**

Severity: svc_c_sev_error

Explanation: An error occurred running the **fts** command. This error occurred because the fileset is not an LFS fileset.

System Action: The requested action is not performed. The program continues.

Administrator Response: Change the command to operate on an LFS fileset or use another method to perform the required task on the non-LFS fileset.

IOEF07222E *program_name***: Cannot identify a fileset from the non-DFS path** *path_name***.**

Severity: svc_c_sev_error

Explanation: An error occurred running the **pioctl()** function. The program was unable to identify the fileset from the pathname specified.

System Action: The program continues.

Administrator Response: Correct the pathname. Then try the request again. If the problem continues, contact the service representative.

IOEF07223E *program_name***: Cannot evaluate name** *path_name***:** *error_text*

Severity: svc_c_sev_error

Explanation: An error occurred running the **pioctl()** function. The program is unable to identify the fileset name from the pathname specified.

System Action: The program continues.

Administrator Response: Verify that the pathname is correct. Then try the request again. If the problem continues, contact the service representative.

IOEF07224E *program_name***: Cannot identify the DFS cell storing** *path_name***:** *error_text***.**

Severity: svc_c_sev_error

Explanation: An error occurred running the **pioctl()** function. The program is unable to get the name of the cell containing the fileset for the pathname specified.

System Action: The program continues.

Administrator Response: Verify that the pathname is correct. Then try the request again. If the problem continues, contact the service representative.

IOEF07231E Cannot obtain list of entries from the FLDB.

Severity: svc_c_sev_error

Explanation: An error was encountered while trying to get the list of entries from the FLDB.

System Action: The program continues.

Administrator Response: Additional information is found in the preceding message. Correct the error listed in the error message. Then try the request again. If the problem continues, contact the service representative.

IOEF07232E Unable to remove fileset from FLDB, code = *error_code***.**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to remove a fileset from the FLDB.

System Action: The program continues.

Administrator Response: Additional information is found in the preceding message. Correct the error listed in the error message. Then try the request again. If the problem continues, contact the service representative.

IOEF07233E Multiple occurrence of read-write filesets *fileset_name* **on aggregate** *aggregate_id***.**

Severity: svc_c_sev_error

Explanation: The aggregate type specified for the aggregate identifier is read-write. This type would allow multiple read-write filesets on the aggregate which is not allowed.

System Action: The program continues.

Administrator Response: Change the specified aggregate type. Then try the request again.

IOEF07234E Unknown type for fileset *fileset_name* **(***fileset_id_hi***,** *fileset_id_low***), aggregate** *aggregate_id***.**

Severity: svc_c_sev_error

Explanation: The aggregate type specified for the fileset and aggregate in not known.

System Action: The program continues.

Administrator Response: Specify the correct aggregate type. Then try the request again.

IOEF07235E Incorrect queue entry.

Severity: svc_c_sev_error

Explanation: Bad queue entry value was found during synchronization of the FLDB.

System Action: The program continues.

Administrator Response: The volume type specified is not valid. The type must be read-write, read-only, or backup. Run the **fts lsfldb** command to verify that the fileset entry is valid. If the problem continues, contact the service representative.

IOEF07237E Cannot fetch the entry for fileset *fileset_id_hi***,,***fileset_id_low* **from FLDB:** *error_text***.**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to get the entry from the FLDB.

System Action: The program continues.

Administrator Response: Additional information is found in the preceding message. Correct the error listed in the error message. Then try the request again. If the problem continues, contact the service representative.

IOEF07239E Incorrect FLDB entry: RW ID or server not found (*fileset_id_hi***,,***fileset_id_low***).**

Severity: svc_c_sev_error

Explanation: A fileset entry in the FLDB is not valid because either the read-write identifier is missing or the server name cannot be located.

System Action: The program continues.

Administrator Response: Additional information is found in the preceding message. Ensure that the correct fileset was specified. Verify the fileset entry by running the **fts lsfldb** command to see why the entry is not valid. It may be necessary to recreate the fileset by using the **fts delete** command and then the **fts create** command. Be aware that issuing the **fts delete** and **fts create** commands will delete the entire contents of the specified fileset. Then try the request again. If the problem continues, contact the service representative.

IOEF07240E RW *fileset_id_hi***,,***fileset_id_low* **is not valid because the RW identifier is missing.**

Severity: svc_c_sev_error

Explanation: An entry in the FLDB is not valid because there is no read-write identifier for the specified fileset.

System Action: The program continues.

Administrator Response: Additional information is found in the preceding message. Ensure taht the correct fileset was specified. Verify the fileset entry by running the **fts lsfdb** command to see why the entry is not valid. It may be necessary to recreate the fileset by using the **fts delete** command and then the **fts create** command. Be aware that issuing the **fts delete** and **fts create** command will delete the entire contents of the specified fileset. Then try the request again. If the problem continues, contact the service representative.

IOEF07241E Conflict of RO IDs: deleting ID *fileset_id_hi***,,***fileset_id_low***.**

Severity: svc_c_sev_error

Explanation: All the read only volumes listed in the FLDB are being deleted because they are not up to date.

System Action: The program continues.

Administrator Response: None.

IOEF07245E STKN_InitTokenState: cannot read UUID from binding: *error_text***.**

Severity: svc_c_sev_error

Explanation: An error occurred while calling the **rpc_binding_inq_object()** function.

System Action: The program continues.

Administrator Response: Additional information is found in the preceding message. Correct the error listed in the error message. Then try the request again. If the problem continues, contact the service representative.

IOEF07246E STKN_TokenRevoke: nil server UUID: *error_text***.**

Severity: svc_c_sev_error

Explanation: An error occurred while calling the **uuid_is_nil()** function.

System Action: The program continues.

Administrator Response: Additional information is found in the preceding message. Correct the error listed in the error message. Then try the request again. If the problem continues, contact the service representative.

IOEF07247E STKN_TokenRevoke: cannot read UUID from binding: *error_text***.**

Severity: svc_c_sev_error

Explanation: An error occurred while calling the **rpc_binding_inq_object()** function.

System Action: The program continues.

Administrator Response: Additional information is found in the preceding message. Correct the error listed in the error message. Then try the request again. If the problem continues, contact the service representative.

IOEF07248E Insufficient memory for fsconn structure; quitting.

Severity: svc_c_sev_error

Explanation: An error occurred while attempting to allocate memory for the fsconn structure.

System Action: The request fails.

Administrator Response: Ensure that sufficient memory is available, then try the request again.

IOEF07249E getFSConn(*principal***): cannot find principal:** *error_text*

Severity: svc_c_sev_error

Explanation: The principal is unable to obtain the principle name for the site information.

System Action: The program continues.

Administrator Response: Additional information is found in the preceding message. Correct the error listed in the error message. Then try the request again. If the problem continues, contact the service representative.

IOEF07250E getFSConn(*principal***): Cannot create a UUID:** *error_text***.**

Severity: svc_c_sev_error

Explanation: An error occurred while calling the **dfsuuid_Create()** function to create a UUID to be used in binding.

System Action: The program continues.

Administrator Response: Additional information is found in the preceding message. Correct the error listed in the error message. Then try the request again. If the problem continues, contact the service representative.

IOEF07251E getFSConn(*principal***): cannot set object ID in binding:** *error_text***.**

Severity: svc_c_sev_error

Explanation: An error occurred while calling the **rpc_binding_set_object()** function to set an object identifier for the binding.

System Action: The program continues.

Administrator Response: Additional information is found in the preceding message. Correct the error listed in the error message. Then try the request again. If the problem continues, contact the service representative.

IOEF07252E getFSConn(*principal***): error setting authentication information for binding:** *error_text***.**

Severity: svc_c_sev_error

Explanation: An error occurred while calling the **dfsAuth_client_InitBindingAuth()** function to set authentication information for binding.

System Action: The program continues.

Administrator Response: Additional information is found in the preceding message. Correct the error listed in the error message. Then try the request again. If the problem continues, contact the service representative.

IOEF07253E getFSConn(*principal***): Unable to find principal for connection.**

Severity: svc_c_sev_error

Explanation: A principal name is required on the call to get site information used in the client binding authentication.

System Action: The program continues.

Administrator Response: Additional information is found in the preceding message. Correct the error listed in the error message. Then try the request again. If the problem continues, contact the service representative.

IOEF07254E AFS_SetContext(*principal***) ends:** *error_text*.

Severity: svc_c_sev_error

Explanation: An error occurred while trying to call the **AFS_SetContext()** function.

System Action: The request fails.

Administrator Response: Additional information is found in the preceding message. Correct the error listed in the error message. Then try the request again. If the problem continues, contact the service representative.

IOEF07255E Select for *number* **seconds returned error** *error_code*: *error_text*.

Severity: svc_c_sev_error

Explanation: An error occurred while calling the **select()** function.

System Action: The request fails.

Administrator Response: Additional information is found in the preceding message. Correct the error listed in the error message. Then try the request again. If the problem continues, contact the service representative.

IOEF07256E Cannot get *token_type* **token on** *fileset_id_hi*,,*fileset_id_low*, **server** *server_name*: *error_text*.

Severity: svc_c_sev_error

Explanation: The program cannot get the specified token on the call to the **AFS_GetToken()** function.

System Action: The program continues.

Administrator Response: Additional information is found in the preceding message. Correct the error listed in the error message. Then try the request again. If the problem continues, contact the service representative.

IOEF07257E RPC no longer listening to network: *error_text*.

Severity: svc_c_sev_error

Explanation: An error occurred during the call to the **rpc_server_listen()** function.

System Action: The program continues.

Administrator Response: Additional information is found in the preceding message. Correct the error listed in the error message. Then try the request again. If the problem continues, contact the service representative.

IOEF07258E Cannot create token-keep-alive thread: error *error_code* **(***error_text1***);** *error_text2*.

Severity: svc_c_sev_error

Explanation: An error occurred while trying to call the **pthread_create()** function to create a thread.

System Action: The request fails.

Administrator Response: Additional information is found in the preceding message. Correct the error listed in the error message. Then try the request again. If the problem continues, contact the service representative.

IOEF07259E Cannot create nil UUID: error *error_code*; *error_text*.

Severity: svc_c_sev_error

Explanation: An error occurred while trying to call the **uuid_create_nil()** function to create a nil UUID.

System Action: The request fails.

Administrator Response: Additional information is found in the preceding message. Correct the error listed in the error message. Then try the request again. If the problem continues, contact the service representative.

IOEF07260E Cannot export the token RPC interface: *error_text*. **Exiting.**

Severity: svc_c_sev_error

Explanation: An error occurred while calling the **register_dfs_server_noauth()** function to export the token RPC interface.

System Action: The request fails.

Administrator Response: Additional information is found in the preceding message. Correct the error listed in the error message. Then try the request again. If the problem continues, contact the service representative.

IOEF07261E Cannot list RPC bindings: *error_text*. **Exiting.**

Severity: svc_c_sev_error

Explanation: An error occurred while calling the **rpc_server_inq_bindings()** function to get the RPC bindings listing.

System Action: The request fails.

Administrator Response: Additional information is found in the preceding message. Correct the error listed in the error message. Then try the request again. If the problem continues, contact the service representative.

IOEF07262E Cannot get string binding number *value***:** *error_text***. Exiting.**

Severity: svc_c_sev_error

Explanation: An error occurred while calling the **rpc_binding_to_string_binding()** function to get a string binding from a binding handle.

System Action: The request fails.

Administrator Response: Additional information is found in the preceding message. Correct the error listed in the error message. Then try the request again. If the problem continues, contact the service representative.

IOEF07263E Cannot parse string binding number *value***,** *bind_string***:** *error_text***. Exiting.**

Severity: svc_c_sev_error

Explanation: An error occurred while calling the **rpc_string_binding_parse()** function to parse out the string binding.

System Action: The request fails.

Administrator Response: Additional information is found in the preceding message. Correct the error listed in the error message. Then try the request again. If the problem continues, contact the service representative.

IOEF07264E Cannot free the vector of RPC bindings: *error_text***. Exiting.**

Severity: svc_c_sev_error

Explanation: An error occurred while calling the **rpc_binding_vector_free()** function to free storage for the binding vector.

System Action: The request fails.

Administrator Response: Additional information is found in the preceding message. Correct the error listed in the error message. Then try the request again. If the problem continues, contact the service representative.

IOEF07265E Cannot create RPC listener thread: errno *error_code* **(***error_text1***);** *error_text2***.**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to call the **pthread_create()** function to create a RPC listener thread.

System Action: The request fails.

Administrator Response: Additional information is found in the preceding message. Correct the error listed in the error message. Then try the request again. If the problem continues, contact the service representative.

IOEF07266E Insufficient memory for getting a token, quitting.

Severity: svc_c_sev_error

Explanation: An error occurred while attempting to allocate memory for the tknList structure.

System Action: The request fails.

Administrator Response: Ensure that sufficient memory is available, then try the request again.

IOEF07267E No longer waiting for token *token_name* **on** *fileset_id_hi***,,***fileset_id_low* **(***server_name***):** *error_text***.**

Severity: svc_c_sev_error

Explanation: The time limit for waiting for a token has elasped.

System Action: The program continues.

Administrator Response: Additional information is found in the preceding message. Correct the error listed in the error message. Then try the request again. If the problem continues, contact the service representative.

IOEF07268E Cannot get *token_name* **token on** *fileset_id_hi***,,***fileset_id_low***, server** *server_name***:** *error_text***.**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to call the **AFS_GetToken()** function.

System Action: The program continues.

Administrator Response: Additional information is found in the preceding message. Correct the error listed in the error message. Then try the request again. If the problem continues, contact the service representative.

IOEF07269E Cannot find token with descriptor *token_descriptor***.**

Severity: svc_c_sev_error

Explanation: The token for the specified descriptor cannot be found and released.

System Action: The program continues.

Administrator Response: None.

IOEF07270E Cannot release the token on *fileset_id_hi***,,***fileset_id_low* **(***server_name***):** *error_text***.**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to call the **AFS_ReleaseTokens()** function.

System Action: The program continues.

Administrator Response: Additional information is found in the preceding message. Correct the error listed in the error message. Then try the request again. If the problem continues, contact the service representative.

IOEF07271E Cannot determine the local cell name: *error_text*; **Exiting.**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to call the **dce_cf_get_cell_name()** function to find the local cell name.

System Action: The request fails.

Administrator Response: Additional information is found in the preceding message. Correct the error listed in the error message. Then try the request again. If the problem continues, contact the service representative.

IOEF07272E Local cell name of *cell_name* **is unusable. Exiting.**

Severity: svc_c_sev_error

Explanation: The local cell name returned from the **dce_cf_get_cell_name()** function is not valid.

System Action: The request fails.

Administrator Response: Additional information is found in the preceding message. Correct any error listed in the error message. Then try the request again. If the problem continues, contact the service representative.

IOEF07273E *program_name*: **Using unauthenticated connection for cell** *cell_name*: *error_text*.

Severity: svc_c_sev_error

Explanation: An error occurred while trying to call the **dfs_GetJunctionName()** function to get the junction name for the cell.

System Action: The program continues.

Administrator Response: In most cases, the reasons for the failure are:
• No current login context.
• Authentication ticket has expired.
• The Security daemon is not available.

Do one of the following, then try the request again:
• Ensure the Security daemon is running.
• Perform a DCE login.

Additional information is found in the preceding message. Correct any error listed in the error message. Then try the request again. If the problem continues, contact the service representative.

IOEF07274E *program_name*: **User unauthenticated, unable to turn off authentication:** *error_text*.

Severity: svc_c_sev_error

Explanation: An error occurred while trying to call the **rpc_ns_set_authn()** function to turn off authentication.

System Action: The program continues.

Administrator Response: Additional information is found in the preceding message. Correct any error listed in the error message. Then try the request again. If the problem continues, contact the service representative.

IOEF07275E *program_name*: **DFS junction for cell** *cell_name* **not found:** *error_text*.

Severity: svc_c_sev_error

Explanation: An error occurred while trying to call the **dfs_GetJunctionName()** function to determine the junction name.

System Action: The program continues.

Administrator Response: Additional information is found in the preceding message. Correct any error listed in the error message. Then try the request again. If the problem continues, contact the service representative.

IOEF07276E *program_name*: **cell** *cell_name* **not found (group** *group_name*).

Severity: svc_c_sev_error

Explanation: The program cannot find the specified cell name.

System Action: The request fails.

Administrator Response: Ensure that the cell name is correct and the DCE kernel is running. Then try the request again.

IOEF07277E fldb_InitUbikHandle: ubik client inititialization for *cell_name* **ended:** *error_text*.

Severity: svc_c_sev_error

Explanation: An error occurred while calling the **ubik_ClientInit()** function for client initialization.

System Action: The request fails.

Administrator Response: Additional information is found in the preceding message. Correct any error listed in the error message. Ensure that the DCE kernel and the DFS kernel are running. Then try the request again. If the problem continues, contact the service representative.

IOEF07280E Cannot create FLDB entry for fileset
fileset_name.

Severity: svc_c_sev_error

Explanation: An error occurred on the **ubik_Call()** function while trying to create a fileset entry in the FLDB.

System Action: The request fails.

Administrator Response: Correct the error displayed following this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07281E Cannot delete FLDB entry
(id=*fileset_id_hi*,,*fileset_id_low*,
type=*fileset_type***).**

Severity: svc_c_sev_error

Explanation: An error occurred on the **ubik_Call()** function while trying to delete a fileset entry in the FLDB.

System Action: The request fails.

Administrator Response: Correct the error displayed following this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07282E Cannot fetch FLDB entry
(id=*fileset_id_hi*,,*fileset_id_low*,
type=*fileset_type***).**

Severity: svc_c_sev_error

Explanation: An error occurred on the **ubik_Call()** function while trying to find the specified fileset ID in the FLDB.

System Action: The request fails.

Administrator Response: Correct the error displayed following this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07283E Cannot fetch FLDB entry
(name=*fileset_name***).**

Severity: svc_c_sev_error

Explanation: An error occurred on the **ubik_Call()** function while trying to find the specified fileset name in the FLDB.

System Action: The request fails.

Administrator Response: Correct the error displayed following this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07284E Cannot get the highest allocated fileset ID from FLDB.

Severity: svc_c_sev_error

Explanation: An error occurred on the **ubik_Call()** function while trying to get the new highest fileset identifier from the FLDB.

System Action: The request fails.

Administrator Response: Correct the error displayed following this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07285E Cannot get *count* **new IDs from FLDB.**

Severity: svc_c_sev_error

Explanation: An error occurred on the **ubik_Call()** function while trying to get a new fileset identifier from the FLDB.

System Action: The request fails.

Administrator Response: Correct the error displayed following this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07286E Cannot update the FLDB entry for the fileset *fileset_id_hi*,,*fileset_id_low*.

Severity: svc_c_sev_error

Explanation: An error occurred on the **ubik_Call()** function while trying to replace the fileset entry in the FLDB.

System Action: The request fails.

Administrator Response: Correct the error displayed following this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07287E Cannot lock FLDB entry
(id=*fileset_id_hi*,,*fileset_id_low*,
type=*fileset_type*, **op=***fileset_op***).**

Severity: svc_c_sev_error

Explanation: An error occurred on the **ubik_Call()** function while trying to lock the fileset entry in the FLDB.

System Action: The request fails.

Administrator Response: Correct the error displayed following this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07288E Cannot release lock on FLDB entry
                (id=*fileset_id_hi***,,***fileset_id_low***,**
                type=*fileset_type***).**

Severity: svc_c_sev_error

Explanation: An error occurred on the **ubik_Call()**
function while trying to release the lock on the fileset
entry in the FLDB.

System Action: The request fails.

Administrator Response: Correct the error displayed
following this message. Then try the request again. If
the problem continues, contact the service
representative.

IOEF07289E Cannot access the FLDB for attributes.

Severity: svc_c_sev_error

Explanation: An error occurred on the **ubik_Call()**
function while trying to list the attributes of the fileset
entry in the FLDB.

System Action: The request fails.

Administrator Response: Correct the error displayed
following this message. Then try the request again. If
the problem continues, contact the service
representative.

IOEF07290E Cannot create the server entry:
                *error_text***.**

Severity: svc_c_sev_error

Explanation: An error occurred on the **ubik_Call()**
function while trying to create the server entry in the
FLDB.

System Action: The request fails.

Administrator Response: Correct the error displayed
with this message. Then try the request again. If the
problem continues, contact the service representative.

IOEF07291E Cannot alter the server entry:
                *error_text***.**

Severity: svc_c_sev_error

Explanation: An error occurred on the **ubik_Call()**
function while trying to edit the server entry in the
FLDB.

System Action: The request fails.

Administrator Response: Correct the error displayed
with this message. Then try the request again. If the
problem continues, contact the service representative.

IOEF07292E Cannot add the address to the server
                entry: *error_text***.**

Severity: svc_c_sev_error

Explanation: An error occurred on the **ubik_Call()**
function while trying to add the specified address to the
server entry in the FLDB.

System Action: The request fails.

Administrator Response: Correct the error displayed
with this message. Then try the request again. If the
problem continues, contact the service representative.

IOEF07293E Cannot remove the address from the
                server entry: *error_text***.**

Severity: svc_c_sev_error

Explanation: An error occurred on the **ubik_Call()**
function while trying to remove the specified address
from the server entry in the FLDB.

System Action: The request fails.

Administrator Response: Correct the error displayed
with this message. Then try the request again. If the
problem continues, contact the service representative.

IOEF07294E Cannot change the address in the
                server entry: *error_text***.**

Severity: svc_c_sev_error

Explanation: An error occurred on the **ubik_Call()**
function while trying to change the specified address for
the server entry in the FLDB.

System Action: The request fails.

Administrator Response: Correct the error displayed
with this message. Then try the request again. If the
problem continues, contact the service representative.

IOEF07295E Cannot get basic cell information:
                *error_text***.**

Severity: svc_c_sev_error

Explanation: An error occurred on the **ubik_Call()**
function while trying to get cell information.

System Action: The request fails.

Administrator Response: Correct the error displayed
with this message. Then try the request again. If the
problem continues, contact the service representative.

IOEF07296E Cannot get information about site
                *site_name***:** *error_text***.**

Severity: svc_c_sev_error

Explanation: An error occurred on the **ubik_Call()**
function while trying to get site information.

System Action: The request fails.

Administrator Response: Correct the error displayed with this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07297E Cannot get a list of sites: *error_text*.

Severity: svc_c_sev_error

Explanation: An error occurred on the **ubik_Call()** function while trying to generate a list of known sites in the cell's FLDB.

System Action: The request fails.

Administrator Response: Correct the error displayed with this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07298E Cannot reserve *count* **fileset IDs:** *error_text*.

Severity: svc_c_sev_error

Explanation: An error occurred on the **ubik_Call()** function while trying to get a new fileset identifier.

System Action: The request fails.

Administrator Response: Correct the error displayed with this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07299E There are no Read-Only filesets to report to the repservers.

Severity: svc_c_sev_error

Explanation: The replication server is only notified for read-write fileset entries.

System Action: The request fails.

Administrator Response: Ensure that the correct read-write fileset was specified. Run the following commands before issuing this command. Run the **fts lsfldb** command to verify that the specified fileset entry is valid. Run the **fts setrepinfo** command to define the replication parameters for the read-write fileset. Then run the **fts addsite** command. Define the correct replication parameters, then run the **fts release** command again.

IOEF07301I Attention: unable to notify any repserver of change.

Severity: svc_c_sev_error

Explanation: An error occurred while trying to notify the replication server about a fileset entry.

System Action: The program continues.

Administrator Response: Additional information is found in the preceding message. Correct the error(s) displayed with this message. Then try the request

again. If the problem continues, contact the service representative.

IOEF07303E Attention: Cannot talk to repserver on *server_name***:** *error_text*

Severity: svc_c_sev_error

Explanation: An error occurred while trying to get a connection to the replication server.

System Action: The program continues.

Administrator Response: Additional information is found in the preceding message. Correct the errors displayed with this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07304E String *bad_time* **is not a valid time interval.**

Severity: svc_c_sev_error

Explanation: The specified time interval value is not valid.

System Action: The request fails.

Administrator Response: Correct the time interval value. Then try the request again.

IOEF07305E Cannot fetch the entry for fileset *fileset_id_hi*,,*fileset_id_low* **from FLDB (err=***error_code***).**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to get the specified fileset identifier from the FLDB.

System Action: The request fails.

Administrator Response: Additional information is found in the preceding message. Ensure that the fileset identifier is correct. Then try the request again.

IOEF07306E Unable to find RW ID for *fileset_name* **(***fileset_id_hi*,,*fileset_id_low***). Exiting.**

Severity: svc_c_sev_error

Explanation: The specified fileset identifier is not a read-write type. The fileset was not updated in the FLDB.

System Action: The request fails.

Administrator Response: Ensure that the fileset identifier is correct or specify a fileset that is a read-write type. Then try the request again.

IOEF07307E Set replication type and values before entering this command.

Severity: svc_c_sev_error

Explanation: The replication type and values must be set using the **fts setrepinfo** command before running this command.

System Action: The request fails.

Administrator Response: Run the **fts setrepinfo** command to set the replication type and values. Then try the request again.

IOEF07308E Both RW and RO need fileset IDs.

Severity: svc_c_sev_error

Explanation: A replication site cannot be added for a fileset identifier that does not have read-write or read-only types.

System Action: The request fails.

Administrator Response: Ensure that the specified fileset identifier is correct. Run the **fts lsfldb** command to see if the entry for the fileset is valid in the FLDB. Run the **fts syncfldb** command to correct the problem. Then try the request again.

IOEF07309E fts: Unable to find read-write site for fileset *fileset_name***. Quitting.**

Severity: svc_c_sev_error

Explanation: The specified fileset does not have a read-write site so the command is stopping.

System Action: The program continues.

Administrator Response: Additional information is found in the preceding message. Ensure that the correct fileset, server, and aggregate are specified. Run the **fts lsfldb** command to see if the specified fileset is read-write. Correct the error listed in the error message. Then try the request again.

IOEF07310E Error: Need a maxsiteage value for a scheduled-replication fileset.

Severity: svc_c_sev_error

Explanation: A maxsiteage value needs to be given when trying to add a replication site for a fileset with a schedule replication type.

System Action: The request fails.

Administrator Response: Correct the **fts addsite** command by adding a value for the **-maxsiteage** option. Then try the request again.

IOEF07311E Error: maxsiteage (*age***) must be larger than minrepdelay:**

Severity: svc_c_sev_error

Explanation: The specified value for the **-maxsiteage** option must be greater than the value of the **-minrepdelay** option which was set on the **fts setrepinfo** command.

System Action: The request fails.

Administrator Response: Specify a new value for the **-maxsiteage** option. Then try the request again.

IOEF07313E Error: maxsiteage (*age***) must be smaller than maxage:**

Severity: svc_c_sev_error

Explanation: The specified value for the **-maxsiteage** option must be smaller than the value of the **-maxage** option that was set on the **fts setrepinfo** command.

System Action: The request fails.

Administrator Response: Specify a new value for the **-maxsiteage** option. Then try the request again.

IOEF07315E Release replication must have a staging replica on the R/W server (*server_name***) before adding others.**

Severity: svc_c_sev_error

Explanation: When release replication is used with the fileset, the first site defined with this command must be on the same File Server machine as the read-write source fileset.

System Action: The request fails.

Administrator Response: Specify the correct fileset for the read-write server for this command. Then try the request again.

IOEF07316E A R/O replication on *server_name* **(***aggregate_name***) already exists.**

Severity: svc_c_sev_error

Explanation: A read only replication already exists on the specified server and aggregate name.

System Action: The request fails.

Administrator Response: Specify a different server or aggregate name. Then try the request again.

IOEF07317E Cannot create another R/O replication on *server_name* **(***aggregate_name***).**

Severity: svc_c_sev_error

Explanation: A read-only replication already exists on the specified server and aggregate name. More information will follow this message.

System Action: The request fails.

Administrator Response: Specify a different server or aggregate name. Then try the request again.

IOEF07319E Unable to find a RO fileset ID for *fileset_name***.**

Severity: svc_c_sev_error

Explanation: The specified read-write fileset requires a read-only fileset on the replication site.

System Action: The request fails.

Administrator Response: Specify the correct fileset name or identifier. Then try the request again.

IOEF07320E Fileset *fileset_name* **does not have a read-only copy on** *fileset_id_hi*/*fileset_id_low***.**

Severity: svc_c_sev_error

Explanation: The specified read-write fileset requires a read-only fileset on the replication site.

System Action: The program continues.

Administrator Response: Specify the correct fileset name/identifier and site information. Then try the request again.

IOEF07321E Error deleting old distinguished replica for *fileset_name***:** *error_text***.**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to delete a distinguished release replication for the specified fileset.

System Action: The request fails.

Administrator Response: Correct the error displayed with this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07322E Unable to find RW for *fileset_name***.**

Severity: svc_c_sev_error

Explanation: The read-write fileset needed to remove the replication site for specified fileset identifier cannot be found.

System Action: The request fails.

Administrator Response: Additional information is found in the preceding message. Ensure that the correct fileset, server, and aggregate are specified. Run the **fts lsfldb** command verify that the specified fileset is read-write. Correct the error listed in the error message. Then try the request again.

IOEF07323E Fileset type *fileset_type* **is unknown.**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to convert the specified fileset type to an index number.

System Action: The program continues.

Administrator Response: Correct the specified fileset type to a valid type. Then try the request again.

IOEF07324E Cannot find site for *fileset_type* **fileset in FLDB entry for** *fileset_name* **(***fileset_id_hi***,,***fileset_id_low***).**

Severity: svc_c_sev_error

Explanation: The site for the specified fileset entry in the FLDB cannot be found.

System Action: The request fails.

Administrator Response: Run the command **fts lsserv -all** to ensure that the site information is listed. Run the **fts crserver** command to add the site information into the FLDB. Verify that the cell running is functioning properly. Then try the request again.

IOEF07325E Fileset type *fileset_type* **does not exist in the FLDB entry for** *fileset_name***.**

Severity: svc_c_sev_error

Explanation: The FLDB entry for the fileset type specified cannot be located.

System Action: The request fails.

Administrator Response: Specify a different fileset type. Then try the request again.

IOEF07326E Cannot backup *fileset_name***; FLDB entry is not valid.**

Severity: svc_c_sev_error

Explanation: Because the fileset entry in the FLDB is not valid, the requested backup cannot be performed.

System Action: The program continues.

Administrator Response: Additional information is found in the preceding message. Ensure that the correct fileset, server, and aggregate are specified. Run the **fts lsfldb** command to verify that the specified fileset is read-write. Correct the error listed in the error message. Then try the request again.

IOEF07327E ProcessByAttrs: incorrect command index *index_value***.**

Severity: svc_c_sev_error

Explanation: An incorrect command index value was passed to the **vldb_ProcessByAttrs()** function. The value must be 1, 2, 3, or 4.

System Action: The request fails.

Administrator Response: Correct the command index value. Then try the request again.

IOEF07349E fts_GroupToUuid: cannot bind to registry site: *error_text***.**

Severity: svc_c_sev_error

Explanation: An error occurred trying to call the **sec_rgy_site_open()** function to get a handle to a security server.

System Action: The request fails.

Administrator Response: Correct the error displayed with this message. Additional information is found in the preceding message. Ensure that a security server is running properly. Then try the request again. If the problem continues, contact the service representative.

IOEF07350E FTSERVER_CreateTrans of fileset = *fileset_id_hi***,,***fileset_id_low***, aggrId=***aggregate_id***, flag=***attach_flag* **ended.**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to call the **FTSERVER_CreateTrans()** function.

System Action: The request fails.

Administrator Response: Correct the error displayed following this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07351E FTSERVER_CreateVolume is unable to create the fileset *fileset_name* **(***fileset_id_hi***,,***fileset_id_low***).**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to call the **FTSERVER_CreateVolume()** function.

System Action: The request fails.

Administrator Response: Correct the error displayed following this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07352E FTSERVER_DeleteVolume cannot delete volume for fileset associated with transaction *transaction_id***.**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to call the **FTSERVER_DeleteVolume()** function.

System Action: The request fails.

Administrator Response: Correct the error displayed

IOEF07353E FTSERVER_Dump ended.

Severity: svc_c_sev_error

Explanation: An error occurred while trying to call the **FTSERVER_Dump()** function.

System Action: The request fails.

Administrator Response: Correct the error displayed following this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07354E FTSERVER_Restore ended.

Severity: svc_c_sev_error

Explanation: An error occurred while trying to call the **FTSERVER_Restore()** function.

System Action: The request fails.

Administrator Response: Correct the error displayed following this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07355E FTSERVER_Forward ended with error from transaction *transaction_id1* **to** *transaction_id2* **in destination** *server_name***.**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to call the **FTSERVER_Forward()** function.

System Action: The request fails.

Administrator Response: Correct the error displayed following this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07356E FTSERVER_Clone is unable to clone fileset (trans=*transaction_id***, name=***fileset_name***).**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to call the **FTSERVER_Clone()** function.

System Action: The request fails.

Administrator Response: Correct the error displayed following this message. Then try the request again. If the problem continues, contact the service representative.

The request fails.

following this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07357E FTSERVER_Reclone is unable to Reclone vol (trans=_transaction_id_**, newvol=**_fileset_id_hi_**,,**_fileset_id_low_**).**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to call the **VER_ReClone()** function.

System Action: The request fails.

Administrator Response: Correct the error displayed following this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07358E FTSERVER_Getflags for transaction _transaction_id_ **ended.**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to call the **FTSERVER_GetFlags()** function.

System Action: The request fails.

Administrator Response: Correct the error displayed following this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07359E FTSERVER_Setflags of _flag_value_ **ended for transaction** _transaction_id_**.**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to call the **FTSERVER_SetFlags()** function.

System Action: The request fails.

Administrator Response: Correct the error displayed following this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07360E FTSERVER_GetStatus for transaction _transaction_id_ **ended.**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to call the **FTSERVER_GetStatus()** function.

System Action: The request fails.

Administrator Response: Correct the error displayed following this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07361E FTSERVER_SetStatus for transaction _transaction_id_ **(mask=**_mask_value_**) ended.**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to call the **FTSERVER_SetStatus()** function.

System Action: The request fails.

Administrator Response: Correct the error displayed following this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07362E FTSERVER_ListAggregates ended.

Severity: svc_c_sev_error

Explanation: An error occurred while trying to call the **FTSEVER_ListAggregates()** function.

System Action: The request fails.

Administrator Response: Correct the error displayed following this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07363E FTSERVER_AggregateInfo for aggrId _aggregate_id_ **ended.**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to call the **FTSERVER_AggregateInfo()** function.

System Action: The request fails.

Administrator Response: Correct the error displayed following this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07364E FTSERVER_Monitor ended.

Severity: svc_c_sev_error

Explanation: An error occurred while trying to call the **FTSERVER_Monitor()** function.

System Action: The request fails.

Administrator Response: Correct the error displayed following this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07365E FTSERVER_GetOneVolStatus of fileset = _fileset_id_hi_**,,**_fileset_id_low_**, aggrId=**_aggregate_id_ **ended.**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to call the **FTSERVER_GetOneVolStatus()** function.

System Action: The request fails.

Administrator Response: Correct the error displayed following this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07366E FTSERVER_SwapIDs were unable to swap IDs of filesets (transaction1=_transaction_id1_**, transaction2=**_transaction_id2_**).**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to call the **FTSERVER_SwapIDs()** function.

System Action: The request fails.

Administrator Response: Correct the error displayed following this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07442E connToServer(_server_name_**): error setting authorization information (**_noauth_info_**,** _localauth_info_**,** _cell_info_**,** _server_kind_**) for binding;** _error_text_**, proceeding...**

Severity: svc_c_sev_error

Explanation: An error occurred calling the **dfsauth_client_InitBindingAuth()** function to set the authentication information for binding.

System Action: The program continues.

Administrator Response: Correct the error displayed with this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07443E connToServer(_server_name_**): principal is unknown for this** _server_kind_ **connection;** _error_text_**, proceeding...**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to call the **vldb_GetSiteInfo()** function to obtain the principal to be used in the connection to the server.

System Action: The program continues.

Administrator Response: Correct the error displayed with this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07444E connToServer(_server_name_**): error setting com_timeout (**_error_code_**):** _error_text_**.**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to call the **rpc_mgmt_set_com_timeout()** function to set the

communication timeout for the connection.

System Action: The program continues.

Administrator Response: Correct the error displayed with this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07445E Use 'rmsite', not 'delete', to remove R/O replicas.

Severity: svc_c_sev_error

Explanation: Use the **fts rmsite** command to remove a read-only fileset replication. Use the **fts delete** to remove a read-write or backup version of a fileset.

System Action: The request fails.

Administrator Response: Use the **fts rmsite** command to remove read-only replications. Additional information about the **fts rmsite -help** command can be found in the _z/OS: Distributed File Service DFS Administration_, SC24-5915.

IOEF07446I Fileset _fileset_id_hi_**,,**_fileset_id_low_ **does not exist.**

Severity: svc_c_sev_error

Explanation: The fileset specified on the **fts delete** command is not found in the FLDB.

System Action: The request fails.

Administrator Response: Correct the specified fileset name or identifier. Then try the request again.

IOEF07447E Backup ID in FLDB entry for _fileset_id_hi_**,,**_fileset_id_low_ **does not exist.**

Severity: svc_c_sev_error

Explanation: The fileset specified on the **fts clone** command is not found in the FLDB.

System Action: The request fails.

Administrator Response: Correct the specified fileset name or identifier. Then try the request again.

IOEF07451E Cannot create file _file_name_ **(errno** _error_code_**:** _error_text_**).**

Severity: svc_c_sev_error

Explanation: The dump cannot be written to the file specified because the file cannot be opened.

System Action: The request fails.

Administrator Response: Ensure that a valid pathname and filename are specified for the **-file** option. Also, correct the error message listed with this message. Then try the request again.

IOEF07452E Standard output not defined.

Severity: svc_c_sev_error

Explanation: An error occurred while trying to call the **fileno()** function for stdout.

System Action: The request fails.

Administrator Response: The **fileno()** system function call failed for stdout. Then try the request again. If the problem continues, contact the service representative.

IOEF07454E Error during fileset dump, errno *error_code***,** *error_text***.**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to dump the specified fileset.

System Action: The request fails.

Administrator Response: Correct the error displayed with this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07455E Cannot access file *file_name***: error** *error_code***:** *error_text***.**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to open the specified file to be restored.

System Action: The request fails.

Administrator Response: Ensure that a valid pathname and filename are specified for the **-file** option. Also, correct the error message listed with this message. Then try the request again.

IOEF07456E Standard input not defined.

Severity: svc_c_sev_error

Explanation: An error occurred while trying to call the **fileno()** function for standard input.

System Action: The request fails.

Administrator Response: Define the standrad input. Then try the request again. If the problem continues, contact the service representative.

IOEF07457E Fileset *fileset_name***(***fileset_id_hi***,,***fileset_id_low***) already exists in aggregate** *aggregate_name* **server** *server_name***, cannot overwrite.**

Severity: svc_c_sev_error

Explanation: The specified fileset already exists and cannot be overwritten.

System Action: The request fails.

Administrator Response: Specify a different fileset. Then try the request again.

IOEF07460E Error during fileset restore: errno *error_code***,** *error_text***.**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to restore the specified fileset.

System Action: The request fails.

Administrator Response: Correct the error displayed with this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07461I Attention: The fileset was inconsistent before the move and remains inconsistent.

Severity: svc_c_sev_error

Explanation: The specified fileset was found to be in an inconsistent state.

System Action: The program continues.

Administrator Response: Use the **salvage** command to find and correct the inconsistency. Additional information can be found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915.

IOEF07462E The FLDB entry for *fileset_id_hi***,,***fileset_id_low* **is missing its R/W fileset ID.**

Severity: svc_c_sev_error

Explanation: The specified fileset cannot be moved because the read-write fileset identifier is missing.

System Action: The request fails.

Administrator Response: Only read-write filesets can be moved. For read-only filesets, create a new replication site with the **fts addsite** command and remove the existing site with the **fts rmsite** command. A backup fileset can only be moved by moving its read-write source fileset and issuing the **fts clone** command to create a new backup version. Additional information can be found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915.

IOEF07463E Fileset *fileset_id_hi***,,***fileset_id_low* **is not on either the source site or the destination site.**

Severity: svc_c_sev_error

Explanation: The specified fileset cannot be found on either the source or the destination site specified.

System Action: The program continues.

Administrator Response: Ensure that the specified fileset, source server and aggregate, and destination server and aggregate are correct. Then try the request again.

IOEF07464E FLDB entry for fileset *fileset_id_hi*,,*fileset_id_low* **is inconsistent, a R/W at both source and destination.**

Severity: svc_c_sev_error

Explanation: A read-write fileset was found in the FLDB for both the specified source site and the destination site.

System Action: The request fails.

Administrator Response: The fileset cannot be moved because the destination site already has the read-write fileset. There may be an inconsistency in the FLDB. Use the **salvage** command to find and correct the inconsistency. Additional information can be found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915.

IOEF07465E Cannot check for an existing target fileset *fileset_id_hi*,,*fileset_id_low* **on** *server_name*/*aggregate_name*: *error_text*.

Severity: svc_c_sev_error

Explanation: An error occurred while trying to check for the fileset on the destination site.

System Action: The request fails.

Administrator Response: Correct the error displayed with this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07466E Cannot get status of existing target fileset *fileset_id_hi*,,*fileset_id_low* **on** *server_name*/*aggregate_name*: *error_text*.

Severity: svc_c_sev_error

Explanation: An error occurred while trying to get status for the specified destination site.

System Action: The request fails.

Administrator Response: Correct the error displayed with this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07467E Incorrect status on the existing target fileset *fileset_id_hi*,,*fileset_id_low* **on** *server_name*/*aggregate_name*: *state_flags*.

Severity: svc_c_sev_error

Explanation: An incorrect status code was returned

when requesting status for the destination site of the fileset that is to be moved.

System Action: The request fails.

Administrator Response: In most cases, the reasons for the failure are:

- The fileset is currently being deleted.
- The fileset is currently being cloned.
- The fileset is currently offline.
- The fileset is currently out of service.

Request status correctly. Then try the request again.

IOEF07468E Error closing existing target fileset *fileset_id_hi*,,*fileset_id_low* **on** *server_name*/*aggregate_name*: *error_text*.

Severity: svc_c_sev_error

Explanation: An error occurred while trying close the specified destination fileset.

System Action: The request fails.

Administrator Response: Correct the error displayed with this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07469E Cannot delete old target fileset *fileset_id_hi*,,*fileset_id_low* **on** *server_name*/*aggregate_name*: *error_text*.

Severity: svc_c_sev_error

Explanation: An error occurred while trying to delete the destination fileset.

System Action: The request fails.

Administrator Response: Correct the error displayed with this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07470E Error closing deleted target fileset *fileset_id_hi*,,*fileset_id_low* **on** *server_name*/*aggregate_name*: *error_text*.

Severity: svc_c_sev_error

Explanation: An error occurred while trying to close the old destination fileset.

System Action: The request fails.

Administrator Response: Correct the error displayed with this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07471E Maximum number of FLDB entries for the destination server is exceeded.

Severity: svc_c_sev_error

Explanation: The maximum number of FLDB entries for the destination server is exceeded.

System Action: The request fails.

Administrator Response: Issue the **fts edserverentry** command to change the number of entries by using the **-quota** option, or use a different destination server. Then try the request again.

IOEF07472E Cannot repair old source fileset *fileset_id_hi*,,*fileset_id_low* **on** *server_name*/*aggregate_name*: *error_text*.

Severity: svc_c_sev_error

Explanation: An error occurred while trying to fix the old source fileset.

System Action: The request fails.

Administrator Response: Correct the error displayed with this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07473E Attention: The fileset was inconsistent before the move; it remains inconsistent.

Severity: svc_c_sev_error

Explanation: The specified fileset is in an inconsistent state.

System Action: The program continues.

Administrator Response: Use the **salvage** command to find and correct the inconsistency. Additional information can be found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915.

IOEF07474E Fileset *fileset_id_hi*,,*fileset_id_low* **is already on server** *server_name* **(aggregate** *aggregate_name***).**

Severity: svc_c_sev_error

Explanation: The specified fileset is already on the destination server and aggregate.

System Action: The request fails.

Administrator Response: None.

IOEF07475E Fileset *fileset_id_hi*,,*fileset_id_low* **on aggregate** *server_name* **of server** *aggregate_name*

Severity: svc_c_sev_error

Explanation: The specified fileset is locally mounted and cannot be moved.

System Action: The request fails.

Administrator Response: Remove the local mount for the fileset. Then try the request again.

IOEF07477E Source fileset is marked as a destination. Earlier move did not complete.

Severity: svc_c_sev_error

Explanation: The specified source fileset is already being used by another move process.

System Action: The request fails.

Administrator Response: Wait until the previous move has completed. Then try the request again.

IOEF07478E Fileset *fileset_id_hi*,,*fileset_id_low* **is already on server** *server_name* **(aggregate** *aggregate_name***); deleting source fileset.**

Severity: svc_c_sev_error

Explanation: The specified fileset is already on the destination server and aggregate. Deleting the source fileset.

System Action: The program continues.

Administrator Response: None.

IOEF07479I Fileset *fileset_id_hi*,,*fileset_id_low* **moved to server** *server_name* **(aggregate** *aggregate_name***); deleting source fileset.**

Severity: svc_c_sev_error

Explanation: The specified fileset is was moved to the destination server and aggregate.

System Action: The program continues.

Administrator Response: None.

IOEF07480E Replication type and values must be set for fileset *fileset_id_hi*,,*fileset_id_low* **before entering this command.**

Severity: svc_c_sev_error

Explanation: The replication type and values must be set for the specified fileset before this command can be run.

System Action: The request fails.

Administrator Response: Run the **fts setrepinfo** to define the replication parameters for the read-write fileset. Then run **fts addsite** command. Once the replication parameters are successfully defined, run the **fts release** command again.

IOEF07481E 'release' not supported with scheduled replication (fileset *fileset_id_hi*,,*fileset_id_low*).

Severity: svc_c_sev_error

Explanation: The specified fileset is set up for scheduled replication and not release replication.

System Action: The request fails.

Administrator Response: Specify a fileset set up for release replication or use the **fts update** command for the specified fileset set up for scheduled replication.

IOEF07482E The fileset *fileset_id_hi*,,*fileset_id_low* does not have a read-only fileset ID.

Severity: svc_c_sev_error

Explanation: The specified fileset needs to have a read-only fileset identifier.

System Action: The request fails.

Administrator Response: Ensure that the correct read-write fileset was specified. Issue the following commands before running this command. Run the **fts setrepinfo** to define the replication parameters for the read-write fileset. Then run the **fts addsite** command. Once you have successfully defined the replication parameters, run the **fts release** command again.

IOEF07483E The fileset *fileset_id_hi*,,*fileset_id_low* being released is not a read-write fileset.

Severity: svc_c_sev_error

Explanation: The specified fileset needs to be a read-write fileset identifier.

System Action: The request fails.

Administrator Response: Specify a read-write fileset for this command.

IOEF07484E Fileset *fileset_id_hi*,,*fileset_id_low* is not release-replicated.

Severity: svc_c_sev_error

Explanation: The replication type and values must be set for the specified fileset before this command can be run.

System Action: The request fails.

Administrator Response: Run the **fts setrepinfo** to define the replication parameters for the read-write fileset. Once you have successfully defined the replication parameters, run the **fts release** command again.

IOEF07485E Fileset *fileset_id_hi*,,*fileset_id_low* does not have a read-only staging site on the R/W server.

Severity: svc_c_sev_error

Explanation: A read-only staging site on the read-write server cannot be found for the specified fileset.

System Action: The program continues.

Administrator Response: Ensure that at least one replication site is defined before issuing this command. Run the **fts addsite** command to do this. Then try the request again.

IOEF07486E Cannot get site information for *server_name*: *error_text*.

Severity: svc_c_sev_error

Explanation: An error occurred while trying to get information about the site.

System Action: The request fails.

Administrator Response: Correct the error displayed with this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07487E Cannot check replication site *server_name*/*aggregate_name*: *error_text*.

Severity: svc_c_sev_error

Explanation: An error occurred while trying to get to a replication site.

System Action: The request fails.

Administrator Response: Correct the error displayed with this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07488E Fileset *fileset_id_hi*,,*fileset_id_low* cannot be released: *error_text*.

Severity: svc_c_sev_error

Explanation: An error occurred while trying to release the specified fileset.

System Action: The request fails.

Administrator Response: Additional information is found in the preceding message. Correct the errors displayed with this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07489E Insufficient memory to allocate
num_structures **ftserver_status**
structures.

Severity: svc_c_sev_error

Explanation: An error occurred while attempting to allocate memory for ftserver_status structure.

System Action: The request fails.

Administrator Response: Ensure that sufficient memory is available, then try the request again.

IOEF07490E Insufficient memory to allocate
num_structures **ftserver_status**
structures.

Severity: svc_c_sev_error

Explanation: An error occurred while attempting to allocate memory for ftserver_status structure.

System Action: The request fails.

Administrator Response: Ensure that sufficient memory is available, then try the request again.

IOEF07491E Unable to replace fileset name in
FLDB: *error_text***.**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to replace an entry in the FLDB.

System Action: The request fails.

Administrator Response: Correct the error displayed with this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07492E Unable to replace one or more names
on filesets: *error_text*

Severity: svc_c_sev_error

Explanation: An error occurred trying to rename an entry in the FLDB.

System Action: The request fails.

Administrator Response: Correct the error displayed with this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07493E Cannot process FLDB entry for fileset
*fileset_name***:** *error_code***.**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to process an FLDB entry during server synchronization.

System Action: The request fails.

Administrator Response: Correct the error displayed with this message. Then try the request again. If the

problem continues, contact the service representative.

IOEF07494E Cannot unlock FLDB entry for fileset
*fileset_name***:** *error_code***.**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to unlock an FLDB entry during server synchronization.

System Action: The request fails.

Administrator Response: Correct the error displayed with this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07495I Attention: fts_DeleteVolume: fileset
*fileset_id_hi***,,***fileset_id_low* **does not**
exist. Ignoring.

Severity: svc_c_sev_error

Explanation: The specified fileset cannot be deleted because it does not exist.

System Action: The program continues.

Administrator Response: Specify the correct fileset identifier. Then try the request again.

IOEF07496E fts_DeleteVolume: fileset
*fileset_id_hi***,,***fileset_id_low* **is not on**
aggregate *aggregate_id***.**

Severity: svc_c_sev_error

Explanation: The fileset is not found on the specified aggregate.

System Action: The program continues.

Administrator Response: Specify the correct aggregate. Then try the request again.

IOEF07497E fts_DeleteVolume: fileset
*fileset_id_hi***,,***fileset_id_low* **is not**
attachable (code *error_code***).**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to get to the fileset volume.

System Action: The request fails.

Administrator Response: Additional information is found in the preceding message. Correct the error displayed. Then try the request again. If the problem continues, contact the service representative.

IOEF07498E Unable to get and set all tokens on
fresh move target: *error_text***.**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to get and set new token values for the a newly cloned volume.

System Action: The request fails.

Administrator Response: Additional information is found in the preceding message. Correct the error displayed with this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07499E Cannot dump from fileset
_fileset_id_hi_,,_fileset_id_low_: RW identifier
missing.

Severity: svc_c_sev_error

Explanation: The specified fileset is not a read-write fileset identifier.

System Action: The request fails.

Administrator Response: Specify a read-write fileset for this command.

IOEF07500E Cannot dump from fileset
_fileset_id_hi_,,_fileset_id_low_: RO identifier
missing.

Severity: svc_c_sev_error

Explanation: The specified fileset needs a read-only fileset identifier.

System Action: The request fails.

Administrator Response: Ensure that the correct read-write fileset is specified. Issue the following commands before running this command. Run the **fts setrepinfo** command to define the replication parameters for the read-write fileset. Then run **fts addsite** command. Once the replication parameters are successfully defined, run the **fts release** command again.

IOEF07501E Source fileset _fileset_name_
(_fileset_id_hi_,,_fileset_id_low_) is
inconsistent.

Severity: svc_c_sev_error

Explanation: While trying to get status information, the specified fileset was found in an inconsistent state.

System Action: The request fails.

Administrator Response: Use the **salvage** command to find and correct the inconsistency. Additional information can be found in the _z/OS: Distributed File Service DFS Administration_, SC24-5915.

IOEF07502E Cannot clear keep-alive function on
destination: _error_text_.

Severity: svc_c_sev_error

Explanation: An error occurred trying to call the **ClearMoveTags()** function.

IOEF07503E Cannot forward fileset: _error_text_.

Severity: svc_c_sev_error

Explanation: An error occurred calling the **ForwardVolume()** function to copy to a read-only fileset.

System Action: The request fails.

Administrator Response: Additional information is found in the preceding message. Correct the error displayed with this message. Then try the request again. If the problem continues, contact the service representative.

IOEF07504E FLDB entry error: RW ID is missing.

Severity: svc_c_sev_error

Explanation: The FLDB entry is missing a read-write fileset identifier.

System Action: The request fails.

Administrator Response: Ensure that the correct fileset identifier is specified. It may be necessary to run the **fts syncfldb** command and then run this command. Additional information is found in the _z/OS: Distributed File Service DFS Administration_, SC24-5915.

IOEF07505E FLDB entry discrepancy: cannot find
RW entry in fileset sites.

Severity: svc_c_sev_error

Explanation: The replication site for the read-write entry in the FLDB cannot be found.

System Action: The request fails.

Administrator Response: Ensure that the correct fileset identifier is specified. It may be necessary to run the **fts syncfldb** command and then run this command. Additional information is found in the _z/OS: Distributed File Service DFS Administration_, SC24-5915.

IOEF07506E FLDB entry error: BACK ID is missing.

Severity: svc_c_sev_error

Explanation: The FLDB entry is missing a backup fileset identifier.

System Action: The request fails.

Administrator Response: Ensure that the correct fileset identifier is specified. It may be necessary to run the **fts syncfldb** command and then run this command.

Additional information is found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915.

IOEF07507E FLDB discrepancy: cannot find BACK entry bit in fileset sites.

Severity: svc_c_sev_error

Explanation: The replication site for the backup fileset entry in the FLDB cannot be found.

System Action: The request fails.

Administrator Response: Ensure that the correct fileset identifier is specified. It may be necessary to run the **fts syncfldb** command and then run this command. Additional information is found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915.

IOEF07508E FLDB entry error: RO ID is missing.

Severity: svc_c_sev_error

Explanation: The FLDB entry is missing a read-only fileset identifier.

System Action: The request fails.

Administrator Response: Ensure that the correct fileset identifier is specified. It may be necessary to run the **fts syncfldb** command and then run this command. Additional information is found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915.

IOEF07510E Cannot create tag-keep-alive thread: error *error_code* **(***error_text1***);** *error_text2***.**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to call the **pthread_create()** function to create a thread.

System Action: The request fails.

Administrator Response: Additional information is found in the preceding message. Correct the error listed in the error message. Then try the request again. If the problem continues, contact the service representative.

IOEF07511E MOVETAG_FETCH and incorrect transaction.

Severity: svc_c_sev_error

Explanation: The transaction identifier is not valid on the call to SetMoveFlags.

System Action: The request fails.

Administrator Response: If the problem continues, contact the service representative.

IOEF07527E Fileset *fileset_id_hi*,,*fileset_id_low* **is busy:** *error_text***.**

Severity: svc_c_sev_error

Explanation: The fileset is busy and cannot be accessed.

System Action: The program continues.

Administrator Response: Correct the error listed in the error text. Then try the request again. If the problem continues, contact the service representative.

IOEF07528E *dfs_command dfs_option***: '-aggregate** *aggregate_name*' **incorrect without '-server'.**

Severity: svc_c_sev_error

Explanation: Specify the **-server** option when the **-aggregate** option is specified for this command.

System Action: The request fails.

Administrator Response: Correct the command syntax. Then try the request again.

IOEF07529E *dfs_command dfs_option***: Cannot connect to repserver on** *server_name***.**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to make a connection to the repserver.

System Action: The program continues.

Administrator Response: Additional information is found in the preceding message. Ensure that the correct server name was specified. Correct the error listed in the error message. Then try the request again. If the problem continues, contact the service representative.

IOEF07530E *dfs_command dfs_option***: Cannot convert owning group** *group_name* **to a UUID:** *error_text***.**

Severity: svc_c_sev_error

Explanation: An error occurred trying to convert the specified **-owner** option value to a uuid.

System Action: The program continues.

Administrator Response: Correct the error listed in the error message. Also, verify that the **-owner** option value is correct. Then try the request again.

IOEF07531E *dfs_command dfs_option***: Error:** *type* **for** *option* **(***value***) must be**

Severity: svc_c_sev_error

Explanation: An error was found while trying to set or change the replication type and parameters.

System Action: The program continues.

Administrator Response: Correct the error listed in the error message. Then try the request again.

IOEF07532E *dfs_command dfs_option***: Fileset does not exist on the site indicated by the FLDB.**

Severity: svc_c_sev_error

Explanation: The specified fileset cannot be found on the site.

System Action: The request fails.

Administrator Response: Ensure that the correct fileset name or ID is specified. Correct the fileset name or ID. Then try the request again.

IOEF07533E *dfs_command dfs_option***: Principal name** *principal_name* **too long to store in FLDB,** *max_value* **characters maximum.**

Severity: svc_c_sev_error

Explanation: The value specified for the **-principal** option is greater than the maximum length allowed.

System Action: The request fails.

Administrator Response: Correct the **-principal** option value. Then try the request again.

IOEF07534E **Cannot set call timeout value to repserver on** *server_name***:** *error_text***.**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to make an RPC call to **rpc_mgmt_set_call_timeout()** to set the timeout value for the repserver.

System Action: The request fails.

Administrator Response: Refer to the error text that is provided with this message. Correct the problem. Then try the request again. If the problem continues, contact the service representative.

IOEF07535E **Deleting the damaged or incomplete read-only fileset** *fileset_id_hi,,fileset_id_low***.**

Severity: svc_c_sev_error

Explanation: The specified read-only fileset is being deleted because it is damaged or incomplete.

System Action: The program continues.

Administrator Response: Additional information is found in the preceding message.

IOEF07536E **Destination fileset is marked as a source. Earlier move did not complete.**

Severity: svc_c_sev_error

Explanation: The specified destination fileset is being used as a source for a move that has not completed yet.

System Action: The request fails.

Administrator Response: Try this request again later.

IOEF07537E **Fileset** *fileset_id_hi,,fileset_id_low* **does not have a read-write fileset ID.**

Severity: svc_c_sev_error

Explanation: The fileset specified is not a read-write fileset identifier.

System Action: The request fails.

Administrator Response: Specify a read-write fileset for this command.

IOEF07538E **Attention:** *fileset_name***.backup on aggregate** *aggregate_id* **of server** *server_name* **should be deleted.**

Severity: svc_c_sev_error

Explanation: The backup fileset listed does not match the aggregate ID or the file server machine in the FLDB and needs to be deleted.

System Action: The program continues.

Administrator Response: Delete the backup using the **fts delete** command.

Chapter 6. IOEHnnnnnt Messages - Backup Server (bakserver) and bak Commands

This chapter contains the messages that may result from the Backup Server (bakserver) processing and issuing **bak** commands.

IOEH08501E *componentid*: **Using unauthenticated connection to bakserver for cell** *cellname*: *errormsg*.

Severity: svc_c_sev_error

Explanation: An error was encountered getting the bak junction name for the cell while trying to initialize bakserver.

System Action: The program continues.

Administrator Response: In most cases, the reasons for the failure are:

- No current login context.
- Authentication ticket has expired.
- The Security daemon is not available.

Do one of the following, then try the request again:

- Ensure the Security daemon is running.
- Perform a DCE login.

IOEH08502E *componentid*: **Unable to turn off authentication:** *errormsg*.

Severity: svc_c_sev_error

Explanation: An error occurred while trying to turn off authentication.

System Action: The program ends.

Administrator Response: Correct the error listed in the error message. Then try the request again. If the problem continues, contact the service representative.

IOEH08503E *componentid*: *function*: **Unable to allocate memory**

Severity: svc_c_sev_error

Explanation: An attempt to allocate memory failed.

System Action: The program ends.

Administrator Response: Ensure that sufficient memory is available, then try the request again.

IOEH08504E *componentid*: **Using unauthenticated connection to fldb for cell** *cellname*: *errormsg*.

Severity: svc_c_sev_error

Explanation: An error was encountered getting the

bak junction name for the cell while trying to initialize flserver.

System Action: The program continues.

Administrator Response: In most cases, the reasons for the failure are:

- No current login context.
- Authentication ticket has expired.
- The Security daemon is not available.

Do one of the following, then try the request again:

- Ensure the Security daemon is running.
- Perform a DCE login

IOEH08505E *componentid*: **Cannot determine junction name for cell** *cellname*: *errormsg*.

Severity: svc_c_sev_error

Explanation: An error occurred while trying to determine the junction name.

System Action: The program ends.

Administrator Response: Correct the error listed in the error message. Then try the request again. If the problem continues, contact the service representative.

IOEH08506E *componentid*: **Cannot create thread attributes object for status initializer, errno** *errorcode*.

Severity: svc_c_sev_error

Explanation: An error occurred while trying to create a thread attributes object. This error should not occur during normal processing.

System Action: The program ends.

Administrator Response: A system failure prevents normal processing. If the problem continues, contact the service representative.

IOEH08507E *componentid*: **Cannot change stacksize attribute for status initializer, errno** *errorcode*.

Severity: svc_c_sev_error

Explanation: An error occurred while trying to change the stacksize attribute of new thread. This error should not occur during normal processing.

System Action: The program ends.

Administrator Response: A system failure prevents normal processing. If the problem continues, contact the service representative.

IOEH08508E *componentid*: **Cannot create thread object task for an interactive bakserver, errno** *errorcode***.**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to create a thread object and thread for an interactive bakserver. This error should not occur during normal processing.

System Action: The program ends.

Administrator Response: A system failure prevents normal processing. If the problem continues, contact the service representative.

IOEH08509E *componentid*: **Cannot create status watcher task, errno** *errorcode***.**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to create a thread object and thread for the watcher routine. This error should not occur during normal processing.

System Action: The program ends.

Administrator Response: A system failure prevents normal processing. If the problem continues, contact the service representative.

IOEH08510E *componentid*: **Cannot initialize bak, function =** *function***.**

Severity: svc_c_sev_error

Explanation: An attempt to allocate memory failed.

System Action: The program ends.

Administrator Response: Ensure that sufficient memory is available, then try the request again.

IOEH08573E *componentid*: **Unable to parse command:** '*errormsg*'**.**

Severity: svc_c_sev_error

Explanation: An error was found while trying to parse command syntax.

System Action: The program continues.

Administrator Response: Ensure that the command syntax is correct, then try the request again.

IOEH08578E *failednum* **of** *totalnum* **filesets ended due to errors.**

Severity: svc_c_sev_error

Explanation: Errors were encountered while trying to get status from butc.

System Action: The program continues.

Administrator Response: Refer to the preceding message for additional information. Try the request again. If the problem continues, contact the service representative.

IOEH08580I **Job** *jobno***:** *taskname* **Ended due to a Kill request.**

Severity: svc_c_sev_notice_verbose

Explanation: The requested job was ended.

System Action: The program continues.

Administrator Response: None.

IOEH08581E **Job** *jobno***:** *taskname* **Ended, due to a Kill request, with errors.**

Severity: svc_c_sev_error

Explanation: The requested job was aborted due to errors.

System Action: The program continues.

Administrator Response: Refer to the preceding message for additional information. If the problem continues, contact the service representative.

IOEH08582E **Job** *jobno***: Ended due to errors.**

Severity: svc_c_sev_error

Explanation: The requested job failed due to errors.

System Action: The program continues.

Administrator Response: Refer to the preceding message for additional information. Try the request again. If the problem continues, contact the service representative.

IOEH08583E **Job** *jobno***:** *taskname* **- StatusWatcher: internal error flags set incorrectly.**

Severity: svc_c_sev_error

Explanation: This is an internal program error.

System Action: The program continues.

Administrator Response: Refer to the preceding message for additional information. Try the request again. If the problem continues, contact the service representative.

IOEH08584E Job *jobno***:** *taskname***, Error found in job during cleanup.**

Severity: svc_c_sev_error

Explanation: Errors were found while trying to destroy a task on the server.

System Action: The program continues.

Administrator Response: Refer to the preceding message for additional information. If the problem continues, contact the service representative.

IOEH08596E *whoami***: pthread_delay_np ended due to error with code:** *errorcode***.**

Severity: svc_c_sev_error

Explanation: The call to **pthread_delay_np** failed with the specified code.

System Action: The program continues.

Administrator Response: Refer to the preceding message for additional information. Try the request again. If the problem continues, contact the service representative.

IOEH08604E Job *jobno* **not found.**

Severity: svc_c_sev_error

Explanation: The job number was not found and cannot be killed.

System Action: The program continues.

Administrator Response: Correct the job number. Try the request again.

IOEH08605E The file extentions .backup and .readonly are reserved by system.

Severity: svc_c_sev_error

Explanation: The extension name cannot be .backup or .readonly. These extensions are used for internal system purposes only.

System Action: The program continues.

Administrator Response: Change the extension name. Try the request again.

IOEH08607I Incorrect filesetfamily file format: Wrong number of arguments: Ignoring *line***.**

Severity: svc_c_sev_notice_verbose

Explanation: An incorrect number of arguments were specified on restore fileset.

System Action: The program continues.

Administrator Response: Specify the correct number of arguments. Try the request again.

IOEH08609I No parent dump *filesetname***.***pathname***, looking for a higher level dump.**

Severity: svc_c_sev_notice_verbose

Explanation: The program cannot find the most recent dump of the specified fileset name and path name. It will continue to look for the dump at a higher level.

System Action: The program continues.

Administrator Response: None.

IOEH08613I Warning: timestamp on fileset *filesetname* **unchanged from previous incremental dump.**

Severity: svc_c_sev_warning

Explanation: The timestamp has not changed from the last fileset incremental dump.

System Action: The program continues.

Administrator Response: None.

IOEH08619I Database can be used.

Severity: svc_c_sev_notice_verbose

Explanation: The Backup Database is not damaged.

System Action: The program continues.

Administrator Response: The Backup database is not damaged and can be used.

IOEH08620E Database is damaged.

Severity: svc_c_sev_error

Explanation: The Backup Database is damaged.

System Action: The program continues.

Administrator Response: If the database was previously backed up using the **bak savedb** command, restore it from the tape using the **bak restoredb** command.

IOEH08621I Orphan blocks *orphans***.**

Severity: svc_c_sev_notice_verbose

Explanation: A number of preallocated blocks cannot be used.

System Action: The program continues.

Administrator Response: Orphan blocks are not a problem for the Backup Database. To reduce disk usage on the machine where the database resides, eliminate the unusable blocks by saving the database to tape using the **bak savedb** command and then restoring the database with the **bak restoredb** command.

IOEH08641E tailCompPtr: cannot find / in name(*pathname***).**

Severity: svc_c_sev_error

Explanation: The specified path name does not contain a slash (/).

System Action: The program continues.

Administrator Response: Correct path name. Try the request again.

IOEH08642I HostAdd: *errormsg***, rpc_string_free ended due to error.**

Severity: svc_c_sev_error

Explanation: The function failed while trying to free the memory used to store the string representation of an RPC binding handle.

System Action: The program continues.

Administrator Response: This error should not occur during normal processing. If this problem continues, it may cause a memory shortage.

IOEH08643E *errormsg***:** *function***, rpc_locate_dfs_server ended due to error.**

Severity: svc_c_sev_error

Explanation: An error returned from the **rpc_locate_dfs_server** function.

System Action: The program continues.

Administrator Response: Refer to the preceding message for additional information. Try the request again. If the problem continues, contact the service representative.

IOEH08644E File *filename* **line** *lineno***, incorrect queue head.**

Severity: svc_c_sev_error

Explanation: The queue head type is not valid.

System Action: The program ends.

Administrator Response: If the problem continues, contact the service representative.

IOEH08645E dlqUnlink: Cannot unlink head queue type

Severity: svc_c_sev_error

Explanation: An attempt to unlink the specified item from the queue failed. The head queue type cannot be unlinked.

System Action: The program ends.

Administrator Response: If the problem continues,

contact the service representative.

IOEH08646E bak:dsstub: Incorrect dump header for dump *dumpid***.**

Severity: svc_c_sev_error

Explanation: An attempt to call scan dump header failed.

System Action: The program continues.

Administrator Response: Verify that the dump file ID is correct and that the file is in the correct format. Then try the request again. If the problem continues, contact the service representative.

IOEH08647E bak:dsstub: Unable to delete specified child dump ID *dumpid***.**

Severity: svc_c_sev_error

Explanation: An attempt to delete the dump failed.

System Action: The program continues.

Administrator Response: Verify that the dump file ID is correct. Then try the request again. If the problem continues, contact the service representative.

IOEH08648E Fileset *filesetname* **in inconsistent state: not dumping**

Severity: svc_c_sev_error

Explanation: The fileset is in an inconsistent state and cannot be dumped.

System Action: The program continues.

Administrator Response: If the problem continues, contact the service representative.

IOEH08649E Unable to read tape label, ending read label operation

Severity: svc_c_sev_error

Explanation: The read tape label operation is ending because the label could not be read during the **BUTC_ReadLabel call**.

System Action: The program continues.

Administrator Response: Refer to the preceding message for additional information. Correct the problem and try again. If the problem continues, contact the service representative.

IOEH08660W <Host Not Found>

Severity: svc_c_sev_warning

Explanation: hostutil_GetNameByINet cannot get the host name from the address specified.

System Action: The program continues.

Administrator Response: None.

IOEH08669E Add host request ended with error code: *errorcode***.**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to add the specified host to the list of valid tape hosts.

System Action: The program continues.

Administrator Response: Try the request again. If the problem continues, contact the service representative.

IOEH08670E Request to save added host name ended with error code: *errorcode***.**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to save the specified host information to disk or while trying to transmit to the ubik server.

System Action: The program continues.

Administrator Response: Try the request again. If the problem continues, contact the service representative.

IOEH08673E Request to delete host from list ended with error code: *errorcode***.**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to delete a specified host from the list of valid tape hosts.

System Action: The program continues.

Administrator Response: Try the request again. If the problem continues, contact the service representative.

IOEH08674E Request to save deleted host name ended with error code: *errorcode***.**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to save the specified host information to disk or while trying to transmit to the ubik server.

System Action: The program continues.

Administrator Response: Try the request again. If the problem continues, contact the service representative.

IOEH08678E bc_ParseHosts: *errormsg***, call to uuid_from_string ended due to error.**

Severity: svc_c_sev_error

Explanation: The call to **uuid_from_string** failed.

System Action: The program continues.

Administrator Response: Correct the problem listed in the error message. Try the request again.

IOEH08682E Duplicate entry in fileset family *filesetfam***: fileset entry not added.**

Severity: svc_c_sev_error

Explanation: An attempt was made to add a fileset family that already exists.

System Action: The program continues.

Administrator Response: Change the fileset family name. Try the request again.

IOEH08689E [*modname***:***routine***] Cannot compile regular expression '***compregex***', code is** *errcode***.**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to compile the regular expression in **bc_EvalVolumeSet**.

System Action: The program continues.

Administrator Response: If the problem continues, contact the service representative.

IOEH08691E [*modname***:***routine***] Internal error in regular expression package, code** *errcode***.**

Severity: svc_c_sev_error

Explanation: An internal program error occurred while trying to use the compiled regular expression.

System Action: The program continues.

Administrator Response: If the problem continues, contact the service representative.

IOEH08701E Pass *fsnumber***: Fileset** *dumpset***(***fshigh***,,***fslow***) ended due to error; partially dumped;** *staterr***.**

Severity: svc_c_sev_error

Explanation: The tape coordinator detected a failure and the request was partially dumped.

System Action: Tape processing ends.

Administrator Response: Try the request again. If the problem continues, contact the service representative.

IOEH08702E Pass *fsnumber*: **Fileset**
           dumpset(*fshigh*,,*fslow*) **ended due to**
           error; partially dumped; *staterr*.

Severity: svc_c_sev_error

Explanation: The tape coordinator detected a failure
and the request was partially dumped.

System Action: Tape processing ends.

Administrator Response: Try the request again. If
the problem continues, contact the service
representative.

IOEH08704I Tape coordinator detects an unexpired
           tape.

Severity: svc_c_sev_notice_verbose

Explanation: The tape currently mounted has not
expired.

System Action: The program continues.

Administrator Response: Verify that the correct tape
is being used. Retry the tape operation. If the problem
continues, contact the service representative.

IOEH08705I This tape (*tapevol***) expires** *expdate*.

Severity: svc_c_sev_notice_verbose

Explanation: The tape volume listed in the messages
expires on the date listed.

System Action: The program continues.

Administrator Response: None.

IOEH08707I Unacceptable tape label (*vollabel***)**
           detected.

Severity: svc_c_sev_notice_verbose

Explanation: The tape coordinator determined that the
mounted tape volume is unacceptable or cannot be
read.

System Action: The program continues.

Administrator Response: Verify that the correct tape
was mounted. Retry the tape operation. If the problem
continues, contact the service representative.

IOEH08708I Tape volume (*tapevol***) is write**
           protected.

Severity: svc_c_sev_error

Explanation: A write to tape operation is being
performed against a tape that is read-only mode.

System Action: The program continues.

Administrator Response: Remove the tape volume
and enable it for write. Then retry the tape operation. If

the problem continues, contact the service
representative.

IOEH08711E Task *dumptask*: **Unable to restore**
           fileset *currhigh*,,*currlow*: *errstat*.

Severity: svc_c_sev_error

Explanation: The restore operation for the fileset is
unable to complete.

System Action: Tape processing ends.

Administrator Response: Try the request again. If
the problem continues, contact the service
representative.

IOEH08722E Restore operation on fileset *volume*
           ended due to tape error.

Severity: svc_c_sev_error

Explanation: The requested restore operation
encountered a tape error for the tape volume listed.

System Action: The restore processing for the tape
volume listed failed. When prompted, continue restore
processing.

Administrator Response: Try the request again. If
the problem continues, contact the service
representative.

IOEH08727E Tape Device : *tapedev* **error.**

Severity: svc_c_sev_error

Explanation: The tape device listed has encountered
a problem.

System Action: The program continues.

Administrator Response: Try the request again. If
the problem continues, contact the service
representative.

IOEH08731I Tape volume name *volume* **is not valid.**

Severity: svc_c_sev_notice_verbose

Explanation: A tape volume label write was
attempted, however the volume name is not valid.

System Action: The program continues.

Administrator Response: Correct the volume name
and try this operation again. If the problem continues,
contact the service representative.

IOEH08736I Tape coordinator stopped tape
           operation.

Severity: svc_c_sev_notice_verbose

Explanation: The tape coordinator stopped the tape
process.

System Action: The program continues.

Administrator Response: Try the request again. If the problem continues, contact the service representative.

IOEH08743E Tape coordinator received an unknown tape operation.

Severity: svc_c_sev_error

Explanation: The tape coordinator received a request for an unknown tape operation.

System Action: Tape processing ends.

Administrator Response: Try the request again. If the problem continues, contact the service representative.

IOEH08745E Unable to read label on tape *volume***.**

Severity: svc_c_sev_error

Explanation: The tape coordinator is unable to read the label on the tape volume that is mounted.

System Action: Tape processing ends.

Administrator Response: Try the request again. If the problem continues, contact the service representative.

IOEH08746E Label expected *volume***, label seen** *volread***. dump ID expected** *volexp***; dump ID seen** *dumpid***.**

Severity: svc_c_sev_error

Explanation: The tape coordinator detected an incorrect tape volume.

System Action: Tape processing ends.

Administrator Response: Verify that the correct tape volume is mounted and retry this operation. If the problem continues, contact the service representative.

IOEH08766E Errors encountered reading tape. Continuing to process additional tapes.

Severity: svc_c_sev_error

Explanation: The tape coordinator encountered errors reading the current dump tape. The processing of additional dump tapes will continue.

System Action: The program continues.

Administrator Response: None.

IOEH08767E Tape coordinator cannot process current tape, processing stops.

Severity: svc_c_sev_error

Explanation: The tape coordinator encountered errors

reading the current dump tape. No additional dump tapes will be processed.

System Action: Tape processing ends.

Administrator Response: Try the request again. If the problem continues, contact the service representative.

IOEH08770E Unable to add information to database, *errorst***.**

Severity: svc_c_sev_error

Explanation: The tape coordinator has encountered errors when attempting to add the scanned tape information to the database.

System Action: Tape processing ends.

Administrator Response: Try the request again. If the problem continues, contact the service representative.

IOEH08775E Unable to locate valid trailer at end of fileset.

Severity: svc_c_sev_error

Explanation: The tape coordinator has encountered an unexpected end of tape volume condition.

System Action: Tape processing ends.

Administrator Response: Try the request again. If the problem continues, contact the service representative.

IOEH08776E Tape label *tapeinfo* **has an incorrect label pointer.**

Severity: svc_c_sev_error

Explanation: While attempting to determine the sequence number of the tape volume, the tape coordinator detected an incorrect label pointer.

System Action: Tape processing ends.

Administrator Response: Try the request again. If the problem continues, contact the service representative.

IOEH08778E Tape inconsistency found in cell information.

Severity: svc_c_sev_error

Explanation: The tape coordinator detected tape inconsistencies while evaluating the cell information.

System Action: Tape processing ends.

Administrator Response: Try the request again. If the problem continues, contact the service representative.

IOEH08782I   End-of-tape condition encountered before end-of-tape marker.

Severity: svc_c_sev_error

Explanation: During tape processing, a physical end-of-tape condition was encountered before a software end-of-tape marker was found.

System Action: Tape processing ends.

Administrator Response: Try the request again. If the problem continues, contact the service representative.

IOEH08785E   Error *errcode* **in skipping fileset data.**

Severity: svc_c_sev_error

Explanation: The tape coordinator encountered an error while scanning the dump tape but will continue processing the tape.

System Action: Tape scan processing continues.

Administrator Response: Try the request again. If the problem continues, contact the service representative.

IOEH08795E   Tape label *volume* **is not valid.**

Severity: svc_c_sev_error

Explanation: The tape coordinator encountered a tape volume label that is not valid.

System Action: Tape processing ends.

Administrator Response: Try the request again. If the problem continues, contact the service representative.

IOEH08801E   GetDeviceConfig: cannot open *filename***.**

Severity: svc_c_sev_error

Explanation: The tape coordinator encountered an open error while attempting to open the TapeConfig file.

System Action: Tape processing ends for the tape coordinator.

Administrator Response: Try the request again. If the problem continues, contact the service representative.

IOEH08802E   GetDeviceConfig: tape capacity parsing error in: *linein***.**

Severity: svc_c_sev_error

Explanation: The tape coordinator encountered an error while attempting to calculate the tape capacity.

System Action: Tape processing ends for the tape coordinator.

Administrator Response: Tape processing ends. Try the request again. If the problem continues, contact the service representative.

IOEH08803E   GetDeviceConfig: error parsing file mark size.

Severity: svc_c_sev_error

Explanation: The tape coordinator attempted to calculate the tape file marks but was unable to convert this value.

System Action: Tape processing ends for the tape coordinator.

Administrator Response: Try the request again. If the problem continues, contact the service representative.

IOEH08804E   GetDeviceConfig: parsing ended due to error on: *fileptr***.**

Severity: svc_c_sev_error

Explanation: The tape coordinator encountered errors while attempting to read the device information.

System Action: Tape processing ends for the tape coordinator.

Administrator Response: Try the request again. If the problem continues, contact the service representative.

IOEH08805E   GetDeviceConfig: incorrect units value *covrtval***.**

Severity: svc_c_sev_error

Explanation: The tape coordinator is unable to convert the units capacity from bytes to kbytes.

System Action: Tape processing ends for the tape coordinator.

Administrator Response: Try the request again. If the problem continues, contact the service representative.

IOEH08807E   Cannot determine bak junction name for cell *cellname***,** *errret***.**

Severity: svc_c_sev_error

Explanation: The tape coordinator encountered errors while attempting to determine the bak server junction name from the cell information provided.

System Action: Tape coordinator initialization will terminate.

Administrator Response: Try the request again. If the problem continues, contact the service representative.

IOEH08808E butc: budbInitialize, ubik client initialization ended due to error.

Severity: svc_c_sev_error

Explanation: The initialization of the ubik client failed during butc initialization.

System Action: Tape coordinator initialization will terminate.

Administrator Response: Try the request again. If the problem continues, contact the service representative.

IOEH08809E *filereq***: Unable to open** *logfile***.**

Severity: svc_c_sev_error

Explanation: The tape coordinator is unable to open the tape configuration log file.

System Action: Tape processing ends.

Administrator Response: Verify that the correct file permissions exist. Try the request again. If the problem continues, contact the service representative.

IOEH08818E Cannot install interface description: *errrstat***.**

Severity: svc_c_sev_error

Explanation: The tape coordinator is unable to install the **BUTC_v4_0_s_ifspec**.

System Action: Tape processing will end.

Administrator Response: Try the request again. If the problem continues, contact the service representative.

IOEH08819E BUTC_AbortDump: error creating thread attribute during initialization.

Severity: svc_c_sev_error

Explanation: Initialization of the pthread attribute failed.

System Action: Tape processing ends.

Administrator Response: Try the request again. If the problem continues, contact the service representative.

IOEH08820E BUTC_AbortDump: error modifying thread stack size during inititialization.

Severity: svc_c_sev_error

Explanation: A modify of the pthreads stack size failed.

System Action: Tape processing ends.

Administrator Response: Try the request again. If

the problem continues, contact the service representative.

IOEH08821E BUTC_LabelTape: error creating thread attribute, code = *errorc***;** *intstat***.**

Severity: svc_c_sev_error

Explanation: Initialization of the pthread attribute failed.

System Action: Tape processing ends.

Administrator Response: Try the request again. If the problem continues, contact the service representative.

IOEH08822E BUTC_LabelTape: error modifying stack size, code = *errorc***;** *intstat***.**

Severity: svc_c_sev_error

Explanation: A modify of the stacksize attribute failed.

System Action: Tape processing ends.

Administrator Response: Try the request again. If the problem continues, contact the service representative.

IOEH08823E BUTC_LabelTape: error creating labeller thread, code = *function***;** *intstat***.**

Severity: svc_c_sev_error

Explanation: A pthread create failed for the tape handler.

System Action: Tape processing ends.

Administrator Response: Try the request again. If the problem continues, contact the service representative.

IOEH08824E BUTC_PerformDump: error creating thread attribute during initialization.

Severity: svc_c_sev_error

Explanation: Initialization of the pthread attribute failed.

System Action: Tape processing ends.

Administrator Response: Try the request again. If the problem continues, contact the service representative.

IOEH08825E BUTC_PerformDump: error modifying stack size attribute during initialization.

Severity: svc_c_sev_error

Explanation: An attempt to modify the stacksize attribute failed.

System Action: Tape processing ends.

Administrator Response: Try the request again. If the problem continues, contact the service representative.

IOEH08826E BUTC_PerformRestore: error creating thread attribute during initialization.

Severity: svc_c_sev_error

Explanation: Initialization of the pthread attribute failed.

System Action: Tape processing ends.

Administrator Response: Try the request again. If the problem continues, contact the service representative.

IOEH08827E BUTC_PerformRestore: error modifying stack size attribute during initialization.

Severity: svc_c_sev_error

Explanation: A attempt to modify the stacksize attribute failed.

System Action: Tape processing ends.

Administrator Response: Try the request again. If the problem continues, contact the service representative.

IOEH08828E BUTC_ReadLabel: error creating thread attribute, code = *function***;** *errstat***.**

Severity: svc_c_sev_error

Explanation: Initialization of the pthread attribute failed.

System Action: Tape processing ends.

Administrator Response: Try the request again. If the problem continues, contact the service representative.

IOEH08829E BUTC_ReadLabel: error modifying stack size attribute, code = *function***;** *errstat***.**

Severity: svc_c_sev_error

Explanation: A attempt to modify the stacksize attribute failed.

System Action: Tape processing ends.

Administrator Response: Try the request again. If the problem continues, contact the service representative.

IOEH08830E BUTC_ReadLabel: error creating readlabel thread, code = *function***;** *errstat***.**

Severity: svc_c_sev_error

Explanation: Initialization of the pthread attribute failed.

System Action: Tape processing ends.

Administrator Response: Try the request again. If the problem continues, contact the service representative.

IOEH08831E BUTC_RestoreDb: error creating thread attribute during initialization.

Severity: svc_c_sev_error

Explanation: Initialization of the pthread attribute failed.

System Action: Tape processing ends.

Administrator Response: Try the request again. If the problem continues, contact the service representative.

IOEH08832E BUTC_RestoreDb: error modifying thread attribute during initialization.

Severity: svc_c_sev_error

Explanation: A attempt to modify the stacksize attribute failed.

System Action: Tape processing ends.

Administrator Response: Try the request again. If the problem continues, contact the service representative.

IOEH08833E BUTC_SaveDb: error creating thread attribute during initialization.

Severity: svc_c_sev_error

Explanation: Initialization of the pthread attribute failed.

System Action: Tape processing ends.

Administrator Response: Try the request again. If the problem continues, contact the service representative.

IOEH08834E BUTC_SaveDb: modifying stack size attribute during initialization.

Severity: svc_c_sev_error

Explanation: A attempt to modify the stacksize attribute failed.

System Action: Tape processing ends.

Administrator Response: Try the request again. If

the problem continues, contact the service representative.

IOEH08835E BUTC_ScanDumps: error creating thread attribute during initialization.

Severity: svc_c_sev_error

Explanation: Initialization of the pthread attribute failed.

System Action: Tape processing ends.

Administrator Response: Try the request again. If the problem continues, contact the service representative.

IOEH08836E BUTC_ScanDumps: error modifying stack size attribute during initialization.

Severity: svc_c_sev_error

Explanation: A attempt to modify the stacksize attribute failed.

System Action: Tape processing ends.

Administrator Response: Try the request again. If the problem continues, contact the service representative.

IOEH08837E Unable to read tape label; *function*.

Severity: svc_c_sev_notice_verbose

Explanation: The tape coordinator is either unable to read the tape volume label or the tape label does not exist.

System Action: Tape processing continues.

Administrator Response: Try the request again. If the problem continues, contact the service representative.

IOEH08842E Database dump encountered errors.

Severity: svc_c_sev_error

Explanation: Although the dump has finished, errors were encountered.

System Action: Tape processing ended.

Administrator Response: Examine the log for errors. Try the request again. If the problem continues, contact the service representative.

IOEH08844E Tape volume cannot be used because of incorrect label.

Severity: svc_c_sev_error

Explanation: The tape coordinator detected a tape volume that cannot be used for the current tape operation because the label is incorrect.

System Action: Tape processing ends.

Administrator Response: Try the request again. If the problem continues, contact the service representative.

IOEH08846I Database restore finished with errors.

Severity: svc_c_sev_error

Explanation: The dump finished, but errors were encountered.

System Action: Tape processing ended.

Administrator Response: Examine the log for errors. Try the request again. If the problem continues, contact the service representative.

IOEH08849I read *bytesrd* bytes, done is *bytespr*.

Severity: svc_c_sev_error

Explanation: The tape coordinator performed a successful tape read.

System Action: Tape processing continues.

Administrator Response: None.

Chapter 7. IOEJnnnnnt Messages - Ubik Servers and udebug Commands

This chapter contains the messages that may result from the Ubik Servers and issuing **udebug** commands.

IOEJ10001E ubik: ubik security group *security_group*; **principal** *principal* **is not in the administrative list.**

Severity: svc_c_sev_error

Explanation: The principal indicated in the message is not authorized in the appropriate adminlist.

System Action: The program continues.

Administrator Response: Use the principal name to determine which adminlist needs to be updated.

IOEJ10002E ubik: unable to perform ubik_auth_binding for host *host_name*; *error_text***.**

Severity: svc_c_sev_error

Explanation: The **rpc_binding_set_auth_info** DCE API is unable to set up the specified server binding handle needed to make authenticated remote procedure calls.

System Action: The program continues.

Administrator Response: Correct the errors on the ubik controlled server for the specified hostname, then restart both servers.

IOEJ10003E ubik: ubik security group *security_group*; **server probe to** *server_address* **is rejected for lack of authorization.**

Severity: svc_c_sev_error

Explanation: The server is not in the administrators list of the authorized servers.

System Action: The program continues.

Administrator Response: Update the appropriate administrator list.

IOEJ10005E ubik: unable to perform ubik_ClientInit authorization (*noauth***,** *localauth***): code** *error_code***:** *error_text***.**

Severity: svc_c_sev_error

Explanation: The **rpc_binding_set_auth_info** DCE API is unable to set up the specified client binding handle needed to make authenticated remote procedure calls.

System Action: The program continues.

Administrator Response: Correct the authorization problem and restart the ubik client.

IOEJ10006I udebug: error from dce_svc_register = *rccode***.**

Severity: svc_c_sev_warning

Explanation: The **udebug** command cannot register the udebug message table.

System Action: The program continues.

Administrator Response: The **udebug** command continues to run but udebug messages may not be in the correct format. Use the return code to help determine the problem.

IOEJ10007E udebug: unable to perform compat_get_group_object_uuid; *error_text***.**

Severity: svc_c_sev_error

Explanation: An attempt was made to determine the UUID for the RPC group entered on the **Udebug** command. The group/uuid information for this call is in a DCE directry. A failure can occur if the information is not there or if there are multiple entries for the group. There may be other causes for the failure.

System Action: The program continues.

Administrator Response: Use the message text to help determine the cause of the failure.

IOEJ10008E udebug: gethostbyname unsuccessful when querying for local host name.

Severity: svc_c_sev_error

Explanation: An attempt was made to get the local host name by calling gethostname.

System Action: The program continues.

Administrator Response: Try manually pinging the local hostname to verify the name server.

IOEJ10009E udebug: cannot create a nill uuid; *error_text***.**

Severity: svc_c_sev_error

Explanation: The **udebug** command cannot create a

---

nil UUID. The UUID is needed to obtain the binding handle to the host server. The status text within the message may be helpful in debugging the problem.

System Action: The program continues.

Administrator Response: Use the associated DCE error message to correct the problem.

IOEJ10010E udebug: unable to locate ubik server *server*; *error_text*.

Severity: svc_c_sev_error

Explanation: **Udebug** is unable to get the binding handle for the server/hostname. The status text within the error message may be helpful in debugging the problem.

System Action: The program continues.

Administrator Response: Use the associated DCE error message to correct the problem.

IOEJ10011E udebug: unable to perform rpcx_binding_to_sockaddr; *error_text*.

Severity: svc_c_sev_error

Explanation: Communication between the binding handle, an IP address and a socket failed. Status text within the message may be helpful in debugging the problem.

System Action: The program continues.

Administrator Response: Use the associated DCE error message to correct the problem.

IOEJ10012E udebug: unable to perform rpcx_ipaddr_from_sockaddr; *error_text*.

Severity: svc_c_sev_error

Explanation: The call to **rpcx_binding_to_sockaddr** failed while attempting to obtain the IP address from the socket.

System Action: The program continues.

Administrator Response: Use the associated DCE error message to correct the problem.

IOEJ10013E udebug: unable to perform rpc_binding_set_object; *error_text*.

Severity: svc_c_sev_error

Explanation: **Udebug** issued an RPC call to associate a UUID with the server.

System Action: The program continues.

Administrator Response: Use the error text in the DCE message to correct the problem.

IOEJ10014E udebug: unable to obtain ubik server information; *error_text*.

Severity: svc_c_sev_error

Explanation: **Udebug** attempted to contact the Ubik server to obtain server status information.

System Action: The program continues.

Administrator Response: Use the associated DCE error message to correct the problem.

IOEJ10015E udebug: UBIKVOTE_SDebug returned code *error_text*.

Severity: svc_c_sev_error

Explanation: **Udebug** is unable to get the low level Ubik lock after a defined number of tries.

System Action: The program continues.

Chapter 8. IOELnnnnnt Messages - Fileset Location Server (flserver)

This chapter contains the messages that may result from the Fileset Location Server (flserver).

IOEL10503E flserver: site *site_number* **(***site_addr***) cannot get site description:** *error_code***,** *error_text***.**

Severity: svc_c_sev_error

Explanation: The fileset location server cannot find a server at the address specified. Many DFS commands and functions invoke this flserver function so the command or function will fail.

System Action: The program continues.

Administrator Response: Refer to the error code and text specified to determine why the server cannot be found at the specified address. If the problem continues, contact the service representative.

IOEL10510I flserver: cannot export ICL interface, code=*error_code***.**

Severity: svc_c_sev_warning

Explanation: The internal trace function cannot be set up for the flserver. This will only affect getting the internal trace output, if needed.

System Action: The program continues.

Administrator Response: Refer to the error code and text specified to determine why the trace environment cannot be set up. If the problem continues, contact the service representative.

IOEL10511I flserver: cannot start ICL signal watcher, code=*error_code***, errno=***errno***.**

Severity: svc_c_sev_warning

Explanation: The internal trace function cannot be set up for the flserver but this will only affect getting the internal trace output, if needed.

System Action: The program continues.

Administrator Response: Refer to the error code and text specified to determine why the trace environment cannot be set up. If the problem continues, contact the service representative.

IOEL10512I flserver: warning: cannot initialize ICL tracing, code *error_code***.**

Severity: svc_c_sev_warning

Explanation: The internal trace function cannot be set up for the flserver.

System Action: The program continues.

Administrator Response: Refer to the error code and text specified to determine why the trace environment cannot be set up. If the problem continues, contact the service representative.

IOEL10516I flserver: cannot open-to-write on *logfile***.**

Severity: svc_c_sev_warning

Explanation: Messages cannot be logged because the program was unable to open the flserver log file.

System Action: The program continues.

Administrator Response: Determine the reason the log file cannot be opened and try the request again. If the problem continues, contact the service representative.

IOEL10518A flserver: cannot install interface description: *error_text***. Exiting.**

Severity: svc_c_sev_error

Explanation: The flserver cannot be initialized because the flserver is unable to setup the interface.

System Action: The flserver cannot initialize.

Administrator Response: If the problem continues, contact the service representative.

IOEL10519A flserver: cannot determine the local cell name (*error_text***). Exiting.**

Severity: svc_c_sev_error

Explanation: The flserver cannot determine the cell name.

System Action: The flserver will not come up.

Administrator Response: Refer to the error text specified to determine why the flserver cannot locate the local cell. Ensure that the flserver is configured correctly.

IOEL10520A flserver: cannot determine DFS junction for cell *cellname***:** *error_text***.**

Severity: svc_c_sev_error

Explanation: The flserver cannot determine the DFS junction in the cell.

System Action: The flserver will not come up.

Administrator Response: Refer to the error text specified to determine why the flserver is unable to locate the DFS junction. Ensure that the flserver is configured correctly.

IOEL10522A flserver: unable to determine address of specified host (*hostname***).**

Severity: svc_c_sev_error

Explanation: The flserver cannot determine the address of the specified host name.

System Action: The flserver cannot initialize.

Administrator Response: Ensure that the flserver is configured correctly and verify that the host name is valid.

IOEL10523A flserver: unable to initialize authentication subsystem: *error_text***.**

Severity: svc_c_sev_error

Explanation: The flserver is unable to authenticate itself as a server.

System Action: The flserver cannot initialize.

Administrator Response: Refer to the error text specified to determine why the flserver cannot be authenticated as a server. Ensure that the flserver is configured correctly.

IOEL10524E flserver: no memory for *numbytes* **bytes for creation of the FLDB.**

Severity: svc_c_sev_error

Explanation: The flserver was unable to allocate storage while initializing FLDB.

System Action: The flserver cannot initialize.

Administrator Response: Determine why your system is not allocating storage.

IOEL10525I flserver: ubik_ServerInit(*group*, *secgroup***) stopped (***error_code*, *error_text***); retry for** *retrytime* **seconds.**

Severity: svc_c_sev_warning

Explanation: The ubik initialization of the server was unsuccessful. Another attempt will be made after the seconds specified in the error message.

System Action: The program continues.

Administrator Response: None.

IOEL10526A flserver: ubik_ServerInit(*group*, *secgroup***) unable to initialize:** *error_code* **(***error_text***).**

Severity: svc_c_sev_error

Explanation: The ubik initialization of the flserver failed.

System Action: The flserver cannot initialize.

Administrator Response: Refer to the error text specified to determine why the flserver cannot initialize with ubik. Ensure that the flserver is configured correctly. If the problem continues, contact the service representative.

IOEL10527I flserver: cannot get object uuid for *group***:** *error_text***; trying to create one.**

Severity: svc_c_sev_notice_verbose

Explanation: The flserver cannot get the object uuid and will try to create one.

System Action: The program continues.

Administrator Response: None.

IOEL10528E flserver: cannot create a uuid (*error_text***). Exiting.**

Severity: svc_c_sev_error

Explanation: The flserver is unable to create the required uuid.

System Action: The flserver cannot initialize.

Administrator Response: Refer to the error text specified to determine why the flserver cannot get or create a uuid. If the problem continues, contact the service representative.

IOEL10529E flserver: ubik_GetServerList(*group***) did not return valid list (***error_text***).**

Severity: svc_c_sev_error

Explanation: Ubik did not return a valid list of flservers in the cell.

System Action: The program continues.

Administrator Response: Refer to the error text specified to determine why ubik did not return the server list. Ensure that the flserver is configured correctly and that the ubik component is operational.

IOEL10530E flserver: error enumerating bindings under *group***:** *error_text***.**

Severity: svc_c_sev_error

Explanation: The flserver cannot get bindings for the list of flservers in the cell.

System Action: The flserver cannot initialize.

Administrator Response: Refer to the error text specified to determine why the flserver failed. Because this is an RPC call, it may be an RPC problem. If the problem continues, contact the service representative.

IOEL10532E flserver: rpc_mgmt_set_server_stack_size (60000) unable to set stack size: *error_text*.

Severity: svc_c_sev_error

Explanation: The flserver attempted to set the server stack size and failed.

System Action: The flserver cannot initialize.

Administrator Response: Refer to the error text specified to determine why the flserver failed. Because this is an RPC call, it may be an RPC problem. If the problem continues, contact the service representative.

IOEL10533E flserver: Unable to listen for RPC activity: *error_text*.

Severity: svc_c_sev_error

Explanation: The flserver initialized and is ready to listen for any RPC activity, but the RPC listen failed.

System Action: The flserver will not come up.

Administrator Response: Refer to the error text specified to determine why the flserver failed. Because this is an RPC call, it may be an RPC problem. If the problem continues, contact the service representative.

IOEL10548I flserver: cannot set up dump handler.

Severity: svc_c_sev_warning

Explanation: The internal dump function cannot be set up for the flserver.

System Action: The program continues.

Administrator Response: Any dumps from the flserver will not go to a separate flserver DD.

IOEL10550E flserver: unable to perform pthread_cond_init, code = *error_code*

Severity: svc_c_sev_error

Explanation: The flserver was unable to initialize a condition variable for the flserver shutdown process.

System Action: The flserver will initialize but there may be a problem when the flserver shuts down.

Administrator Response: Refer to the error code to determine why this function failed. If the problem continues, contact the service representative.

IOEL10551E flserver: unable to perform pthread_mutex_init, code = *error_code*.

Severity: svc_c_sev_error

Explanation: The flserver was unable to create a mutex for the flserver shutdown process.

System Action: The flserver will initialize but there may be a problem when the flserver shuts down.

Administrator Response: Refer to the error code to determine why this function failed. If the problem continues, contact the service representative.

IOEL10553E flserver: FLDB unable to initialize vital header. Code *error_code*: *error_text*.

Severity: svc_c_sev_error

Explanation: The flserver is unable to use the FLDB.

System Action: The program continues.

Administrator Response: Refer to the error code and text to determine why the flserver cannot use the FLDB. The flserver will not operate correctly if it cannot read and write to the FLDB. If the problem continues, contact the service representative.

IOEL10554E flserver: FLDB unable to initialize site header. Code *error_code*: *error_text*.

Severity: svc_c_sev_error

Explanation: The flserver is unable to use the FLDB.

System Action: The program continues.

Administrator Response: Refer to the error code and text to determine why the flserver cannot use the FLDB. The flserver will not operate correctly if it cannot read and write to the FLDB. If the problem continues, contact the service representative.

IOEL10556E flserver: *fileset_type* is not a valid converted fileset type.

Severity: svc_c_sev_error

Explanation: The fileset ID cannot convert because the fileset type value for an internal FLDB hash table is too large.

System Action: The program continues.

Administrator Response: This is an internal problem with the FLDB. It may be necessary to restore the FLDB with a previous valid version. If the problem continues, contact the service representative.

IOEL10557E flserver: site *site_number* **(***site_addr***)**
           cannot get addr entry: *error_code***,**
           *error_text***.**

Severity: svc_c_sev_error

Explanation: The flserver cannot find a server at the address specified. Many DFS commands and functions invoke this flserver function so the command or function will fail.

System Action: The program continues.

Administrator Response: Refer to the error code and text specified to determine why the server cannot be found at the specified address. If the problem continues, contact the service representative.

IOEL10558I flserver: ready to service requests.

Severity: svc_c_sev_warning

Explanation: The flserver has completed initialization and is now ready to begin processing requests from other servers.

System Action: The program continues.

Administrator Response: None

Chapter 9. IOEMnnnnnt Messages - mapid Command

This chapter contains the messages that may result from issuing the **mapid** command.

IOEM02000A   DFS Identity Mapping Program cannot bind to security registry site.

Severity: svc_c_sev_error

Explanation: The DFS Identity Mapping Program cannot process the request because it cannot bind to a security registry site. In most cases, the reasons for the failure are:
- The administrator is not logged onto DCE.
- The Security daemon is not available.

The following message contains the DCE status code or DCE status code text returned from the DCE API **sec_rgy_site_open**.

System Action: The program continues with reduced function.

Administrator Response: Do one of the following, then try the request again:
- Log in to DCE
- Ensure that the Security daemon is available.

If the problem continues, contact the service representative.

IOEM02001I   DFS Identity Mapping Program Server cannot open memory log, *log_name*. **DCE status code:** *error_status*.

Severity: svc_c_sev_notice

Explanation: The Distributed File Services Identity Mapping Program cannot open memory log *log_name*.

System Action: The Distributed File Services Identity Mapping Program should recover and continue operating but there will be no memory log.

System Programmer Response: Correct the error by using the DCE status code response information found in *z/OS: DCE Messages and Codes*, SC24-5912. If the problem continues, contact the service representative.

IOEM02002A   DFS Identity Mapping Program Server cannot configure Access Control List manager. DCE status code: *status_code*.

Severity: svc_c_sev_error

Explanation: The Distributed File Services Identity Mapping Program cannot configure the Access Control List manager. The DCE status code is *status_code*.

System Action: The program ends.

Administrator Response: Ensure that all *acl.dat files exist and are valid. For more information on the *acl.dat

files, refer to *z/OS: Distributed File Service DFS Administration*, SC24-5915. Correct the error by using the DCE status code response information found in *z/OS: DCE Messages and Codes*, SC24-5912. Try the request again. If the problem continues, contact the service representative.

IOEM02003A   DFS Identity Mapping Program Server cannot define PRINTSTRINGS for access control. DCE status code: *status_code*.

Severity: svc_c_sev_error

Explanation: An internal error occurs when trying to define PRINTSTRINGS for the Distributed File Services Identity Mapping Program. The DCE status code is *status_code*.

System Action: The Access Control List database file may not be generated and the Distributed File Services Identity Mapping Program may terminate.

System Programmer Response: Correct the error by using the DCE status code response information found in *z/OS: DCE Messages and Codes*, SC24-5912. Try the request again. If the problem continues, contact the service representative.

IOEM02004A   DFS Identity Mapping Program Server cannot export interface. DCE status code: *status_code*.

Severity: svc_c_sev_error

Explanation: An interface cannot be found during the Distributed File Services Identity Mapping Program initialization. The DCE status code is *status_code*.

System Action: The program ends.

System Programmer Response: Ensure that all valid data sets where interfaces can be found in the STEPLIB in the Distributed File Services Identity Mapping Program JCL. Correct the error by using the DCE status code response information found in *z/OS: DCE Messages and Codes*, SC24-5912. Try the request again. If the problem continues, contact the service representative.

IOEM02050A   DFS cannot open identity mapping file.

Severity: svc_c_sev_error

Explanation: An error occurs when attempting to open the identity mapping file.

System Action: The program ends.

Administrator Response: Verify that the **_IOE_MVS_IDMAP** environment variable is defined, and points to an Identity Mapping file. Try the Distributed File Services Identity Mapping Program again.

IOEM02051A   DFS identity mapping file is damaged.

Severity: svc_c_sev_error

Explanation: The Distributed File Services Identity Mapping Program identity mapping file is damaged.

System Action: The program ends.

System Programmer Response: Ensure that the **_IOE_MVS_IDMAP** environment variable contains the name of the current Identity Mapping file. If the problem continues, contact the service representative.

IOEM02052A   DFS Identity Mapping Program finds duplicate identity mapping for principal *principal***, and server name** *server***.**

Severity: svc_c_sev_error

Explanation: Another entry, defining a mapping for the specified principal and server name, already exists.

System Action: The Distributed File Services Identity Mapping Program skips the duplicate entry and continues processing. The identity mapping file is not generated.

Administrator Response: Delete the duplicate entry from the input file and try the Distributed File Services Identity Mapping Program again.

IOEM02053A   DFS Identity Mapping Program MVS identity *identity* **is not found.**

Severity: svc_c_sev_error

Explanation: The Distributed File Services Identity Mapping Program finds an MVS ID *identity* that is not valid.

System Action: Distributed File Services Identity Mapping Program skips the incorrect identity mapping and continues processing. The identity mapping file is not generated.

Administrator Response: Ensure that the MVS ID is not longer than 8 characters and try the request again.

IOEM02054A   DFS Identity Mapping Program cannot translate DCE identity *dce_identity* **to principal and cell UUIDs.**

Severity: svc_c_sev_error

Explanation: The Distributed File Services Identity Mapping Program cannot translate the DCE identity into the principal and cell UUIDs.

System Action: The Distributed File Services Identity

Mapping Program skips the Identity Mapping entry and continues processing. The identity mapping file is not generated.

Administrator Response: Verify that the DCE identity exists, and has the correct format. Try the Distributed File Services Identity Mapping Program again. If the problem continues, contact the service representative.

IOEM02055A   DFS Identity Mapping Program cannot generate binary identity mapping file.

Severity: svc_c_sev_error

Explanation: The Distributed File Services Identity Mapping Program cannot generate a binary file because of severe errors in processing the identity mapping input file.

System Action: The program ends.

Administrator Response: Correct the errors in the identity mapping input file. Additional information on the DFS identity mapping program can be found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915. Try the Distributed File Services Identity Mapping Program again.

IOEM02056A   DFS Identity Mapping Program detects error that is not expected.

Severity: svc_c_sev_error

Explanation: An error occurs in the Distributed File Services Identity Mapping Program that is not expected.

System Action: The program ends.

Administrator Response: Ensure that the Identity Mapping input file is correct and try the Distributed File Services Identity Mapping Program again. If the problem continues, contact the service representative.

IOEM02057A   DFS Identity Mapping Program cannot open input file, *file_name***.** *error_text***.**

Severity: svc_c_sev_error

Explanation: The Distributed File Services Identity Mapping Program cannot open the input file *file_name*. Ensure that the file exists and that the input file is correctly specified. Additional information about the error is given by the C library *error_text*, which is returned from the **fopen()** routine.

System Action: The program ends.

Administrator Response: Ensure that the input file exists and try the Distributed File Services Identity Mapping Program again.

IOEM02058A   DFS Identity Mapping Program cannot open output file, *file_name***.** *error_text***.**

Severity: svc_c_sev_error

Explanation: The Distributed File Services Identity Mapping Program cannot open the output file *file_name*. Additional information about the error is given by the C library *error_text*, which is returned from the **fopen()** routine.

System Action: The program ends.

Administrator Response: Ensure that if the file exists, the DFS identity mapping file can write to the output file. Try the Distributed File Services Identity Mapping Program again.

IOEM02059A   Blank line is missing between two identity mapping entries.

Severity: svc_c_sev_error

Explanation: A blank line is needed to separate identity mapping entries.

System Action: The Distributed File Services Identity Mapping Program skips the Identity Mapping entry and continues processing. The identity mapping binary file is not generated.

Administrator Response: Ensure that a blank line exists between identity mappings. Then try the request again.

IOEM02060A   Blank line detected in input identity mapping file.

Severity: svc_c_sev_error

Explanation: A blank line is detected in the input identity mapping file passed into the Distributed File Services Identity Mapping Program.

System Action: Distributed File Services Identity Mapping Program skips the Identity Mapping entry and continues processing. However, processing may be affected by this error.

Administrator Response: Remove any unnecessary blank lines from the input identity mapping file.

IOEM02061A   Environment variable _IOE_MVS_IDMAP is not specified correctly or is missing.

Severity: svc_c_sev_error

Explanation: The environment variable **_IOE_MVS_IDMAP** is not specified correctly or is missing from the Distributed File Services Identity Mapping Program environment variable file.

System Action: The program ends.

Administrator Response: Ensure that the

environment variable exists and is pointing to a binary identity mapping file generated by the Distributed File Services Identity Mapping Program. Try the request again.

IOEM02062A   DFS Identity Mapping Program requires two input parameters.

Severity: svc_c_sev_error

Explanation: Two input parameters must be passed to the Distributed File Services Identity Mapping Program. The first input parameter must contain the input file name. The second input parameter must contain the output file name which the Distributed File Services Identity Mapping Program will use to generate identity mapping information.

System Action: The program ends.

Administrator Response: Specify two input parameters to Distributed File Services Identity Mapping Program and try the request again.

IOEM02067I   DFS Identity Mapping Program is successful.

Severity: svc_c_sev_notice

Explanation: The Distributed File Services Identity Mapping Program is successful.

System Action: The program continues.

IOEM02068I   Access control list database configuration is successful.

Severity: svc_c_sev_notice

Explanation: Distributed File Services Identity Mapping Program access control list database configuration is successful.

System Action: The program continues.

IOEM02069A   DCE return code is *status_code***.**

Severity: svc_c_sev_error

Explanation: A call to a DCE service has failed. The return code *status_code* explains the failure.

System Action: The program continues with reduced function.

Administrator Response: Correct the error by using the DCE status code response information found in *z/OS: DCE Messages and Codes*, SC24-5912. Try the request again. If the problem continues, contact the service representative.

IOEM02100A   DFS Identity Mapping Program cannot allocate storage for *string***.**

Severity: svc_c_sev_fatal

Explanation: The Distributed File Services Identity Mapping Program cannot allocate storage for *string*. This error should not occur during normal processing.

System Action: The program writes a dump and ends abnormally.

Administrator Response: Increase the region size for the Distributed File Services Identity Mapping Program and try the request again. Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEM02101A   DFS Identity Mapping Program Server cannot allocate storage for *string***.**

Severity: svc_c_sev_error

Explanation: Distributed File Services Identity Mapping Program cannot allocate storage for *string*. This error should not occur during normal processing.

System Action: The program continues with reduced function.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Increase the region size for the Distributed File Services Identity Mapping Program. Try the request again. Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

Chapter 10. IOENnnnnnt Messages - General DFS

This chapter contains the messages that identify general DFS errors.

IOEN00100I DFS daemon *dfs_process* **is starting.**

Severity: svc_c_sev_warning

Explanation: The associated DFS process, *dfs_process*, is starting. It is an indication that the program has been successfully loaded and started by the DFSCNTL task.

System Action: The program continues.

IOEN00101I *dfs_process***: Stop command received.**

Severity: svc_c_sev_warning

Explanation: The associated DFS process, *dfs_process*, is stopping. It is an indication that the program has been terminated by the DFSCNTL task.

System Action: The program continues.

IOEN00102I *dfskern_process***: Detaching aggregates that are still attached.**

Severity: svc_c_sev_warning

Explanation: The DFSKERN process, *dfskern_process*, is stopping and it is detaching all aggregates that were being exported at the time the stop command was received.

System Action: The program continues.

IOEN00103I *dfskern_process***: Signaling TKM service threads to stop.**

Severity: svc_c_sev_warning

Explanation: The DFSKERN process, *dfskern_process*, is stopping and terminating TKM (Token Manager) service threads.

System Action: The program continues.

IOEN00104I DFS daemon *daemon_name* **has stopped.**

Severity: svc_c_sev_warning

Explanation: The specified DFS daemon has stopped. This message is issued if the daemon is stopped using the **STOP** command, or if the daemon stops unexpectedly. If the daemon stops unexpectedly, the Distributed File Service kernel attempts to start it again.

System Action: The program continues.

IOEN00105I *module_name***: rpc_mgmt_stop_server_listening() returned** *status_code***.**

Severity: svc_c_sev_warning

Explanation: The DFSKERN process, *module_name*, is stopping with an error return code from the **rpc_mgmt_stop_server_listening** call.

System Action: The program continues.

Administrator Response: Additional information about return codes for **rpc_mgmt_stop_server_listening** is found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915.

IOEN00106I DFS daemon *daemon_name* **is ready for requests.**

Severity: svc_c_sev_warning

Explanation: The specified DFS daemon has been started and is awaiting requests.

System Action: The program continues.

IOEN00107A Immediate end of processing requested: *message_string***.**

Severity: svc_c_sev_fatal

Explanation: The DFSKERN process is stopping due to an unrecoverable error. A CEEDUMP is produced.

System Action: The program ends abnormally.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEN00108I DFS fx Token State Recovery (TSR) period ends.

Severity: svc_c_sev_warning

Explanation: Token State Recovery is performed each time the File Exporter (fx) is started. This is a function that allows remote clients to regain tokens for files for which it had tokens when the File Exporter was stopped. During this period, exported files cannot be accessed by remote clients.

System Action: The program continues.

IOEN00109A *ProgramName***: Error with translation function** *functioName***.**

Severity: svc_c_sev_error

Explanation: *ProgramName* encountered an error when obtaining the translation tables for EBCDIC to ASCII conversion (and vice-versa). There may be a risk if HFS data conversion is requested.

System Action: The program continues.

Administrator Response: Contact the service representative if you need to request HFS data conversion. Conversion of binary files between HFS and clients may result in corruption of the file.

IOEN00110A **DFSKERN: Detaching aggregates: unable to list aggregates:** *ErrorCode***.**

Severity: svc_c_sev_error

Explanation: DFSKERN encountered an error while attempting to list attached aggregates.

System Action: The program ends.

Administrator Response: Contact the service representative.

IOEN00111A **DFSKERN: Error detaching aggregate** *AggrId***: code=***ErrorCode* **(ignoring it).**

Severity: svc_c_sev_error

Explanation: DFSKERN encountered an error while attempting to detach aggregate *AggrId*.

System Action: The program continues.

Administrator Response: Contact the service representative.

IOEN00112A **DFSKERN: Unable to create key for thread_specific alet storage.**

Severity: svc_c_sev_error

Explanation: DFSKERN encountered an error while attempting to create thread specific storage.

System Action: The program ends.

Administrator Response: Try running DFS with a larger virtual storage size. If the problem continues, contact the service representative.

IOEN00113A **DFSKERN: Error initializing signal handler.**

Severity: svc_c_sev_error

Explanation: An error was encountered attempting to define posix signal (abend) handler.

System Action: The program ends.

Administrator Response: Contact the service representative.

IOEN00114A **DFSKERN: Error setting up SIGTERM handler routine, code =** *ErrorCode***.**

Severity: svc_c_sev_error

Explanation: An error was encountered attempting to define the routine used to handle SIGTERM signals from the DFSCNTL task. The result is that a **STOP DFSKERN** command will not function properly.

System Action: The program continues.

Administrator Response: Contact the service representative.

IOEN00115A **DFSKERN: Error starting console thread, code =** *ErrorCode***.**

Severity: svc_c_sev_error

Explanation: An error was encountered attempting to start a thread to accept commands from the DFSCNTL task. **SEND DFSKERN** commands will be disabled as a result.

System Action: The program ends.

Administrator Response: Contact the service representative.

IOEN00116A *ProgName***: Parameter** *Parameter* **is not valid for modify command** *CommandName***.**

Severity: svc_c_sev_error

Explanation: The specified parameter *Parameter* is not valid for the *CommandName* command.

System Action: The program continues.

Administrator Response: Additional information about the syntax of the *CommandName* command is found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915.

IOEN00117A *ProgName***: SEND command is not valid - ** *Parm***.**

Severity: svc_c_sev_error

Explanation: The syntax of the **SEND** command is not correct.

System Action: The program continues.

Administrator Response: Additional information about the syntax of the *Parm* command is found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915.

IOEN00118A *ProgName***: SEND command -** *Parm* **failed.**

Severity: svc_c_sev_error

Explanation: The **SEND** command *Parm* failed.

System Action: The program continues.

Administrator Response: Additional information about the syntax of the *Parm* command is found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915. Verify that the command was entered with valid parameters. If the problem continues, contact the service representative.

IOEN00119I *ProgName***: SEND command -** *Parm* **completed successfully.**

Severity: svc_c_sev_notice

Explanation: The **SEND** command *Parm* was successful.

System Action: The program continues.

Administrator Response: None.

IOEN00120A *ProgName***: Unable to set up to receive Operator commands.**

Severity: svc_c_sev_error

Explanation: The *ProgName* program was not able to setup to receive **MODIFY** commands from the operator.

System Action: The program continues.

Administrator Response: Contact the service representative.

IOEN00121A *ProgName***: Unable to open DFS parameter file '***ParmFile***'.**

Severity: svc_c_sev_error

Explanation: The *ProgName* program was not able to open the DFS/MVS parameter file. Default values will be used for DFS parameters.

System Action: The program continues.

Administrator Response: Ensure the *ParmFile* file exists and that The *ProgName* program has read authority to the file. If problem continues, contact the service representative.

IOEN00122A *ProgName***: Incorrect parameter record '***BadRecord***' is ignored.**

Severity: svc_c_sev_error

Explanation: The *ProgName* program found an incorrect record in the DFS/MVS parameters file.

System Action: The program ends.

Administrator Response: Correct the record and start *ProgName* again.

IOEN00123A *ProgName***: Operand must be numeric (***BadArg***).**

Severity: svc_c_sev_error

Explanation: The *ProgName* program found a non-numeric value specified for a numeric operand.

System Action: The program ends.

Administrator Response: Specify a numeric value and start *ProgName* again.

IOEN00124A *ProgName***:** *BadArg* **exceeds maximum value** *MaxValue***.**

Severity: svc_c_sev_error

Explanation: The *ProgName* program found a numeric operand that was too large.

System Action: The program ends.

Administrator Response: Ensure that the operand *BadArg* is not larger than the *MaxValue* and restart *ProgName*.

IOEN00125A *ProgName***: Operand must be string (***BadArg***).**

Severity: svc_c_sev_error

Explanation: The *ProgName* program found a missing string operand.

System Action: The program ends.

Administrator Response: Ensure the *BadArg* operand is specified and restart *ProgName.*

IOEN00126A *ProgName***:** *BadArg* **exceeds max string length** *Maxlen***.**

Severity: svc_c_sev_error

Explanation: The *ProgName* program found a string operand that is too long.

System Action: The program ends.

Administrator Response: Ensure the *BadArg* operand string is not greater than *Maxlen* and restart *ProgName*.

IOEN00127A *ProgName***: Partition start list '***BadArg***' not delimited by parentheses.**

Severity: svc_c_sev_error

Explanation: The *ProgName* program found a syntax error in operand *BadArg* in the DFS/MVS parameter file.

System Action: The program ends.

Administrator Response: Ensure the *BadArg* operand string is delimited by parentheses and restart *ProgName*.

IOEN00128I *ProgName*: **Modify complete for Parameter Value.**

Severity: svc_c_sev_notice

Explanation: The *ProgName* program has successfully set the value of program parameter *Parameter* to *Value*.

System Action: The program continues.

Administrator Response: None.

IOEN00129A *ProgName*: **Incorrect parameter debug record '***BadRecord***'.**

Severity: svc_c_sev_error

Explanation: The *ProgName* program found than a syntax error in an ioedebug record *BadRecord*.

System Action: The program ends.

Administrator Response: Correct the error in the ioedebug record and restart *ProgName*.

IOEN00130A *ProgName*: **Incorrect parameter *BadParameter*.**

Severity: svc_c_sev_error

Explanation: The *ProgName* program found an incorrect parameter *BadParameter* in the DFS/MVS parameters file.

System Action: The program ends.

Administrator Response: Specify a valid parameter and restart *ProgName*.

IOEN00131A *ProgName*: **Incorrect time zone name (***TZname***).**

Severity: svc_c_sev_error

Explanation: The *ProgName* program found an incorrect time zone name *TZname*.

System Action: The program ends.

Administrator Response: Specify a valid time zone and restart *ProgName*.

IOEN00132A *ProgName*: **glue debug level must be integer between 0 and 9.**

Severity: svc_c_sev_error

Explanation: The specified glue debug level is not in the proper range.

System Action: The program continues.

Administrator Response: Specify the **GLUEDEBUG** modify command with a value between 0 and 9.

IOEN00133A *ProgName*: **cminitdebug parameter must be either the word 'ON' or 'OFF'.**

Severity: svc_c_sev_error

Explanation: An incorrect cminit debug value was specified.

System Action: The program continues.

Administrator Response: Enter the **CMINITDEBUG** modify command with a value of 'ON' or 'OFF'.

IOEN00134A *ProgName*: **Error encountered while reading dfsparms file.**

Severity: svc_c_sev_error

Explanation: An error was encountered while attempting to read the DFS/MVS parameter file.

System Action: The program ends.

Administrator Response: This message is preceeded by additional messages detailing the cause of error. The most likely cause is that the DFS/MVS parameter file does not exist or contains a syntax error. Correct the error and restart *ProgName*.

IOEN00135A *SubrName*: **Cannot validate protocol sequence, *ProtSeq* (code *Status*).**

Severity: svc_c_sev_error

Explanation: The DCE/MVS function **rpc_network_is_protseq_valid** returned an error code during program initialization. This function is called to determine if the protocol sequence *ProtSeq* is valid. *Status* is a DCE/MVS status code.

System Action: The program ends.

Administrator Response: Additional information about the error is found in *z/OS: DCE Messages and Codes*, SC24-5912.

IOEN00136A *SubrName*: **The protocol sequence, *ProtSeq*, is not valid.**

Severity: svc_c_sev_error

Explanation: The DFS protocol sequence *ProtSeq* is incorrect.

System Action: The program ends.

Administrator Response: Contact the service representative.

IOEN00137A *SubrName*: **Cannot register protseq,**
ProtSeq **(code** *Status***).**

Severity: svc_c_sev_error

Explanation: The DCE/MVS function
rpc_server_use_protseq returned an error code during
program initialization. This function is called to indicate
to the DCE/RPC runtime to listen for remote procedure
calls using the *ProtSeq* protocol. *Status* is a DCE/MVS
status code.

System Action: The program ends.

Administrator Response: Additional information
about the error is found in *z/OS: DCE Messages and
Codes*, SC24-5912.

IOEN00138A *SubrName*: **Cannot register** *ServName*
server (code *Status***).**

Severity: svc_c_sev_error

Explanation: The DCE/MVS function
rpc_server_register_if returned an error code during
program initialization. This function is called to register
the interface with the DCE/RPC runtime. *Status* is a
DCE/MVS status code.

System Action: The program ends.

Administrator Response: Additional information
about the error is found in *z/OS: DCE Messages and
Codes*, SC24-5912.

IOEN00139A *SubrName*: **Cannot inquire bindings**
(code *Status***).**

Severity: svc_c_sev_error

Explanation: The DCE/MVS function
rpc_server_inq_bindings returned an error code
during program initialization. This function is called to
determine the protocol sequences supported by both
the DCE/RPC runtime and the underlying operating
system. *Status* is a DCE/MVS status code.

System Action: The program ends.

Administrator Response: Additional information
about the error is found in *z/OS: DCE Messages and
Codes*, SC24-5912.

IOEN00140A *SubrName*: **Cannot get string binding**
(code *Status***).**

Severity: svc_c_sev_error

Explanation: The DCE/MVS function
rpc_binding_to_string_binding returned an error code
during program initialization. This function is called to
get an RPC binding in string form. *Status* is a DCE/MVS
status code.

System Action: The program ends.

Administrator Response: Additional information
about the error is found in *z/OS: DCE Messages and
Codes*, SC24-5912.

IOEN00141A *SubrName*: **Cannot parse string binding**
(code *Status***).**

Severity: svc_c_sev_error

Explanation: The DCE/MVS function
rpc_string_binding_parse returned an error code
during program initialization. This function is called to
parse an RPC string binding handle. *Status* is a
DCE/MVS status code.

System Action: The program ends.

Administrator Response: Additional information
about the error is found in *z/OS: DCE Messages and
Codes*, SC24-5912.

IOEN00142A *SubrName*: **Cannot compose string**
binding (code *Status***).**

Severity: svc_c_sev_error

Explanation: The DCE/MVS function
rpc_string_binding_compose returned an error code
during program initialization. This function is called to
create a string binding handle from binding handle
components. *Status* is a DCE/MVS status code.

System Action: The program ends.

Administrator Response: Additional information
about the error is found in *z/OS: DCE Messages and
Codes*, SC24-5912.

IOEN00143A *SubrName*: **Cannot get rpc binding**
from strings *StringBinding* **(code** *Status***).**

Severity: svc_c_sev_error

Explanation: The DCE/MVS function
rpc_binding_from_string_binding returned an error
code during program initialization. This function is called
to create a DCE/RPC binding handle from a string
binding. *StringBinding* is the string binding, *Status* is a
DCE/MVS status code.

System Action: The program ends.

Administrator Response: Additional information
about the error is found in *z/OS: DCE Messages and
Codes*, SC24-5912.

IOEN00144A *SubrName*: **Cannot create the thread**
pool (code *Status***).**

Severity: svc_c_sev_error

Explanation: The DCE/MVS function
rpc_server_create_thread_pool returned an error code
during program initialization. This function is called to
create a pool of threads to handle incoming remote

procedure calls. *Status* is a DCE/MVS status code.

System Action: The program ends.

Administrator Response: Additional information about the error is found in*z/OS: DCE Messages and Codes*, SC24-5912.

IOEN00145A *SubrName***: Cannot set the thread-pool function (code** *Status***).**

Severity: svc_c_sev_error

Explanation: The DCE/MVS function **rpc_server_set_thread_pool_fn** returned an error code during program initialization. This function is called to set the function that determines what thread pool should handle an incoming remote procedure call. *Status* is a DCE/MVS status code.

System Action: The program ends.

Administrator Response: Additional information about the error is found in *z/OS: DCE Messages and Codes*, SC24-5912.

IOEN00146A *ProgramName***: The local code page** *CodePage* **is not supported.**

Severity: svc_c_sev_error

Explanation: *ProgramName* determined that the local code page is not supported for translation of DFS/MVS file data. Any translation parameters will be ignored and the file data will not be converted.

System Action: The program continues.

Administrator Response: Use a supported local code page.

IOEN00147I **DFSKERN: RFS Attributes file** *file* **was not found or could not be opened, errno=***errno***. DFS Server default attributes will be used.**

Severity: svc_c_sev_error

Explanation: DFS cannot open the RFS Attributes file specified by the _IOE_RFS_ATTRIBUTES_FILE environment variable. Either the file does not exist, or another error condition occurred.

System Action: The DFS File Server will use the system default attributes as a result of this error.

Operator Response: Ensure that the command syntax is correct, then try the request again.

Administrator Response: Use the *errno* value indicated in the message to determine the cause of the failure. Correct the problem and restart the DFS File Server if the use of a specific attributes file is desired.

IOEN00148I *ThisProgram***: Cannot create socket - (errno** *errno***).**

Severity: svc_c_sev_error

Explanation: The program is unable to create a socket and the API returned the error value on invocation.

System Action: The program continues. The DFS Cache Manager needs to create a socket in order to determine DFS File Server ranking preferences; therefore, the setting of DFS File Server ranking preferences may be effected.

Administrator Response: Additional information about the cause of the errno value is found in the *z/OS: C/C++ Run-Time Library Reference*, SA22-7821.

IOEN00149I *ThisProgram***: Cannot determine all configured network interfaces - (errno** *errno***).**

Severity: svc_c_sev_error

Explanation: The program is unable to determine all the configured network interfaces. The errno value was returned by the ioctl API invocation.

System Action: The program continues. The DFS Cache Manager needs to determine all configured network interfaces in order to determine DFS File Server ranking preferences; therefore, the setting of DFS File Server ranking preferences may be effected.

Administrator Response: Additional information about the cause of the errno value is found in the *z/OS: C/C++ Run-Time Library Reference*, SA22-7821.

IOEN00150I *ThisProgram***: Cannot determine the network interface network mask - (errno** *errno***).**

Severity: svc_c_sev_error

Explanation: The program is unable to determine a network interface network mask. The errno value was returned by the ioctl API invocation.

System Action: The program continues. The DFS Cache Manager needs to determine the network interface network mask in order to determine DFS File Server ranking preferences; therefore, the setting of DFS File Server ranking preferences may be effected.

Administrator Response: Additional information about the cause of the errno value is found in the *z/OS: C/C++ Run-Time Library Reference*, SA22-7821.

IOEN00151I **DFS daemon** *daemon_name* **is ready to process** *protocol_name* **requests.**

Severity: svc_c_sev_notice

Explanation: The specified DFS daemon has been

started and is awaiting requests for the specified protocol.

System Action: The program continues.

IOEN00152I *ProgName***: Using default values for DFS parameters.**

Severity: svc_c_sev_notice

Explanation: The *ProgName* program is using default values for DFS parameters.

System Action: The program continues.

Administrator Response: None.

IOEN00153I dfskern is ending with return code *ReturnCode***.**

Severity: svc_c_sev_notice

Explanation: The dfskern file server is ending with return code *ReturnCode*.

System Action: The program ends.

Administrator Response: If the return code is 0, no action is needed. If the return code is not equal to 0, the message will be preceded by other messages detailing the exact reason for termination.

IOEN00154A Assertion Failed:*Assertion* **Line:***LineNo* **File:***FileName***.**

Severity: svc_c_sev_error

Explanation: An assertion occurred in the code.

System Action: The program ends.

Administrator Response: Contact the service representative.

IOEN00180I Clonesys starting for aggregate id *AggrId***, fileset** *Filesets*

Severity: svc_c_sev_notice

Explanation: A clone of all filesets indicated by *Filesets* is starting for aggregate identifier *AggrId*.

System Action: The program continues.

IOEN00181I Clonesys ending for aggregate id *AggrId* **(Total:** *Total***, Failed:** *Failed***, Time** *Seconds***.***Fraction***)**

Severity: svc_c_sev_notice

Explanation: A clone of all filesets indicated by *Total* has ended for aggregate identifier *AggrId*.

System Action: The program continues.

IOEN00182A Clone failed for aggregate id *AggrId***, fileset** *Fileset***, error code** *Fileset*

Severity: svc_c_sev_error

Explanation: A clone of the indicated fileset has failed during a clonesys operation.

System Action: The program continues.

Administrator Response: A fileset that has been moved or deleted since the clonesys operation started may experience an error and if this is the case then no specific action needs to be taken. If the fileset still exists on the aggregate and is valid, and further attempts at a clone of the fileset continue to fail then contact your service representative.

IOEN00183A Cannot get hostname for fast clonesys, error message *ErrorMsg*

Severity: svc_c_sev_error

Explanation: A clonesys operation failed because it could not get the local host name.

System Action: The program continues.

Administrator Response: Use the information in the error message to correct the problem, then retry the operation. If the problem continues, contact the service representative.

IOEN00184A Cannot get host address for fast clonesys, error message *ErrorMsg*

Severity: svc_c_sev_error

Explanation: A clonesys operation failed because it could not get the local host socket address.

System Action: The program continues.

Administrator Response: Use the information in the error message to correct the problem, then retry the operation. If the problem continues, contact the service representative.

IOEN00185A Fileset server function *Function* **failed, code** *ErrorCode***, aggregate** *aggrId*

Severity: svc_c_sev_error

Explanation: A clonesys operation failed because it could not get the list of filesets from the flserver. Subsequent error messages explain the error.

System Action: The program continues.

Administrator Response: Use the information in the error message to correct the problem, then retry the operation. If the problem continues, contact the service representative.

**IOEN00186A Error creating clonesys thread,
pthread_create return code** *ErrorCode*

Severity: svc_c_sev_error

Explanation: A clonesys operation failed because it could not create the task to perform the operation.

System Action: The program continues.

Administrator Response: Retry the operation. If the problem continues, contact the service representative.

**IOEN00187A Error detaching clonesys thread,
pthread_detach return code** *ErrorCode*

Severity: svc_c_sev_error

Explanation: A clonesys operation failed to clean up storage used by the clonesys task.

System Action: The program continues.

Administrator Response: This problem does not prevent the clonesys operation from running. If the problem continues, contact the service representative.

IOEN00188A Aggregate *AggrId* **not exported**

Severity: svc_c_sev_error

Explanation: A clonesys operation failed because the specified aggregate was not exported.

System Action: The program continues.

Administrator Response: Make sure the aggregate identifier was correctly specified, export the aggregate if necessary, and retry the operation.

IOEN00189A Aggregate *AggrId* **is not an LFS
aggregate**

Severity: svc_c_sev_error

Explanation: A clonesys operation failed because the specified aggregate was not an LFS aggregate.

System Action: The program continues.

Administrator Response: Make sure the aggregate identifier was correctly specified, note that clonesys is only valid for LFS aggregates.

IOEN00190A Error in *Function*, **code =** *ErrorCode*,
aggregate *AggrId*

Severity: svc_c_sev_error

Explanation: An error occured while processing a clonesys operation for aggregate *AggrId*. Subsequent error messages follow to explain the error.

System Action: The program continues.

Administrator Response: Examine the error messages and correct the problem. Retry the operation.

If the problem continues, contact the service representative.

IOEN00191A Error in *Function*, **code =** *ErrorCode*,
aggregate *AggrId*, **fileset**
FilesetHigh,,*FilesetLow*

Severity: svc_c_sev_error

Explanation: An error occured while processing a clonesys operation for aggregate *AggrId*. Subsequent error messages follow to explain the error.

System Action: The program continues.

Administrator Response: Examine the error messages and correct the problem. Retry the operation. If the problem continues, contact the service representative.

IOEN00192A Error explanation: *ErrorMsg*

Severity: svc_c_sev_error

Explanation: An error occured while processing a clonesys operation. This message indicates the meaning of a preceeding error message.

System Action: The program continues.

Administrator Response: Examine the error messages and correct the problem. Retry the operation. If the problem continues, contact the service representative.

IOEN00193A Fileset server function *Function* **failed,
code** *ErrorCode*, **aggregate** *aggrId*,
fileset *FilesetHigh*,,*FilesetLow*

Severity: svc_c_sev_error

Explanation: A clone of the indicated fileset has failed due to an error in flserver function *Function*. Subsequent error messages explain the error.

System Action: The program continues.

Administrator Response: Use the information in the error message to correct the problem, then retry the operation. If the problem continues, contact the service representative.

IOEN00194A Failed to get read token for fileset
FilesetHigh,,*FilesetLow*

Severity: svc_c_sev_error

Explanation: A clone of the indicated fileset has failed due to an inability to obtain the required whole fileset token.

System Action: The program continues.

Administrator Response: Retry the operation. If the problem continues, contact the service representative.

IOEN00195I *progname*: *prodname featurename*
Version *ver*.*rel*.*mod* **Service Level** *slv*.
Created on *date*.

Severity: svc_c_sev_notice

Explanation: This message is issued when the level of DFS is queried using the QUERY command. The system returns the product name, feature name, version, release, modlevel, service level and creation date of the DFS Server Daemon.

System Action: The program continues.

IOEN00196I *progname*: **Initializing** *prodname featurename* **Version** *ver*.*rel*.*mod* **Service Level** *slv*. **Created on** *date*.

Severity: svc_c_sev_notice

Explanation: This message is issued when the DFS control program begins initializing the DFS address space. It identifies the product name,feature name, version, release, modlevel, service level and creation date of the DFS Daemon.

System Action: The program continues.

IOEN00200A Error ″*error_message*″ **opening devtab file.**

Severity: svc_c_sev_error

Explanation: The OEFS adapter cannot open the devtab file. A strerror() message is displayed.

System Action: The program continues.

Administrator Response: Ensure that the devtab file was created and permitted correctly. Verify that the application is authorized and is running as UID 0 (root).

IOEN00201A ATTACH processing cannot access its parameters - Error *error_code*.

Severity: svc_c_sev_error

Explanation: An error occurred while copying parameters from the calling address space during an aggregate attach operation.

System Action: The program continues.

Operator Response: Ensure that the command syntax is correct, then try the request again.

Administrator Response: If the problem continues, contact the service representative.

IOEN00202A Incorrect device specification encountered in devtab file.

Severity: svc_c_sev_error

Explanation: An incorrect definition was encountered in the devtab file while attaching an HFS file system.

System Action: The program continues.

Operator Response: Ensure that the command syntax is correct, then try the request again.

Administrator Response: Verify that the devtab file contains only correct device definitions.

IOEN00203A Missing device specification for minor device *minor_number*.

Severity: svc_c_sev_error

Explanation: While attaching an HFS file system, no device definition was found in the devtab file for the minor device number specified.

System Action: The program continues.

Operator Response: Ensure that the command syntax is correct, then try the request again.

Administrator Response: Verify that a definition exists in the devtab file for the specified minor device number. Check that the minor device name is specified correctly in the dfstab file.

IOEN00204A HFS translation set ON, binaries may not translate correctly.

Severity: svc_c_sev_error

Explanation: The requested translation for HFS data ended in error because either there is not a 1-1 mapping between the current host code page and ISO8859-1, or an error was encountered while attempting to determine if there is a 1-1 mapping.

System Action: The program continues.

Operator Response: Ensure that the command syntax is correct, then try the request again.

Administrator Response: Copying binary files between client machines and HFS may result in corruption and should be avoided.

IOEN00205A Missing data set specification for ufs minor device *minor_dev*.

Severity: svc_c_sev_error

Explanation: While attaching a ufs file system, the data set name was not found in the devtab file for the minor device number specified.

System Action: The program continues.

Operator Response: Ensure that the command syntax is correct, then try the request again.

Administrator Response: Verify that a data set name exists on the line following the specified ufs minor device number in the devtab file.

IOEN00207A Rfstab entry *"bad_keyword"* **on line**
line_num **is not valid.**

Severity: svc_c_sev_error

Explanation: While reading and processing the rfstab file, a line with an unknown keyword was found, or the value for a known keyword was not in the supported range of values.

System Action: The program ends.

Operator Response: Ensure that the command syntax is correct, then try the request again.

Administrator Response: Edit the rfstab file and correct the line containing the unknown keyword, or value that is out-of-range.

IOEN00208A Rfstab entry *"keyword_val"* **on line**
line_num **is ignored by DFS.**

Severity: svc_c_sev_warning

Explanation: While reading and processing the rfstab file, a keyword was encountered that is valid for the DFSMS/MVS® NFS Server, but is not a supported keyword for the DFS File Server.

System Action: The program continues.

Operator Response: Ensure that the command syntax is correct, then try the request again.

Administrator Response: No response is necessary. The keyword and value are ignored. DFS Server processing continues.

IOEN00209A Devtab entry for ufs minor device
minor_dev **contains the incorrect value**
*value***.**

Severity: svc_c_sev_error

Explanation: While attaching a ufs file system, the incorrect value indicated in the message was found for this devtab entry.

System Action: The program continues.

Operator Response: Ensure that the command syntax is correct, then try the request again.

Administrator Response: Additional information about the syntax of a devtab entry is found in the *z/OS: DCE Messages and Codes*, SC24-5912. Correct the problem, syntax of a devtab entry and correct the problem. then attempt to export the failed aggregate to the DFS namespace again.

IOEN00210A Devtab entry for ufs minor device
minor_dev **has no attributes filename**
specified.

Severity: svc_c_sev_error

Explanation: While attaching a ufs file system, the

attrfile keyword was specified, without an Attributes filename.

System Action: The program continues.

Operator Response: Ensure that the command syntax is correct, then try the request again.

Administrator Response: Either remove the **attrfile** keyword or specify an Attributes filename following the keyword.

IOEN00211A Devtab entry for ufs minor device
minor_dev **attributes file** *file* **not found.**

Severity: svc_c_sev_error

Explanation: While attaching a ufs file system, the specified Attributes file was not found.

System Action: The program continues.

Operator Response: Ensure that the command syntax is correct, then try the request again.

Administrator Response: Specify an Attributes file name that exists or remove the **attrfile** keyword and the filename following the keyword to allow:

- the attributes specified by the DFSKERN _IOE_RFS_ATTRIBUTES_FILE environment variable to be used if one has been specifed. Otherwise,

- the DFS Server system default attributes will be used.

IOEN00212A RFS translation set ON, binaries may
not translate correctly.

Severity: svc_c_sev_error

Explanation: Translation for RFS data was requested, however either there is not a 1-1 mapping between the current host code page and ISO8859-1, or an error was encountered while attempting to determine if there is a 1-1 mapping.

System Action: The program continues.

Operator Response: Ensure that the command syntax is correct, then try the request again.

Administrator Response: Copying binary files between client machines and RFS may result in corruption and should be avoided.

IOEN00213A DFSKERN: Error opening file *attrfile* **-**
errno = *errno***.**

Severity: svc_c_sev_error

Explanation: The dfskern program cannot open the HFS Attributes file. This file is specified by the environment variable _IOE_HFS_ATTRIBUTES_FILE in the DFSKERN envar file.

System Action: The program ends.

Administrator Response: Use the **errno** value to

resolve the problem, then restart the DFS Server.

IOEN00214A DFSKERN: The line '*attrfile_line***' is not valid in file ***attrfile***.**

Severity: svc_c_sev_error

Explanation: The dfskern program encountered a line in the HFS Attributes file that is not in the correct format. This file is specified in the environment variable _IOE_HFS_ATTRIBUTES_FILE in the DFSKERN envar file. Possible causes for this problem are the line exceeded the maximum line length of 1024 or the line does not contain enough tokens. A minimum of 4 tokens are required.

System Action: The program ends.

Administrator Response: Correct the specified HFS Attributes file then restart the DSF Server. Additional information about the format of the HFS Attributes file is found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915.

IOEN00215A DFSKERN: The suffix '*suffix***' in line number ***line_number*** is not valid in file ***attrfile***.**

Severity: svc_c_sev_error

Explanation: The dfskern program encountered a specified suffix in the HFS Attributes file that is not in the correct format. This attributes file is specified in the environment variable _IOE_HFS_ATTRIBUTES_FILE in the DFSKERN envar file.

System Action: The program ends.

Administrator Response: Correct the specified HFS Attributes file, then restart the DFS Server. Additional information about the format of the HFS Attributes file is found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915.

IOEN00216A DFSKERN: The suffix '*suffix***' conflicts with the previous use in file ***attrfile***.**

Severity: svc_c_sev_error

Explanation: The dfskern program encountered a suffix in the HFS Attributes file that conflicts with a previous use of the same suffix. The extension cannot be specified as both binary and ebcdic. The HFS Attributes file is specified in the environment variable _IOE_HFS_ATTRIBUTES_FILE in the DFSKERN envar file.

System Action: The program ends.

Administrator Response: Correct the specified HFS Attributes file, and restart the DFS Server. Additional information about the format of the HFS Attributes file is found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915.

IOEN00217I DFSKERN: The suffix '*suffix***' in line number ***line_num*** in file ***attrfile*** is ignored.**

Severity: svc_c_sev_notice

Explanation: The dfskern program encountered an incorrect special suffix in the HFS Attributes file. This attributes file is specified in the environment variable _IOE_HFS_ATTRIBUTES_FILE in the DFSKERN envar file.

System Action: The program continues.

Administrator Response: None.

IOEN00218I DFSKERN: Translation type could not be determined for an HFS file.

Severity: svc_c_sev_notice

Explanation: The dfskern program was presented with a DFS-style file ID (FID), for an exported HFS file. The file format field has never been set for this file, and since the file name was not made available to the DFS Server, the translation setting remains unknown.

System Action: The program continues.

Administrator Response: None.

IOEN00219I DFSKERN: Internal filesystem return code ***errno* occurred. The reason code is ***reason***.**

Severity: svc_c_sev_notice

Explanation: An unexpected internal error occurred in the HFS filesystem.

System Action: The program continues.

Administrator Response: For a description of the error, consult *z/OS: UNIX System Services Messages and Codes*, SA22-7807.

IOEN00220A DFS Glue initialization failed with return code ***ReturnCode* and reason ***ReasonCode***.**

Severity: svc_c_sev_error

Explanation: An error was encountered while attempting to initialize the DFS Glue module, IOEGLUE. The return code and reason code describe the reason for the failure.

System Action: The program ends.

Administrator Response: For a description of the error, consult *z/OS: UNIX System Services Messages and Codes*, SA22-7807. Determine the cause of the problem, correct it, and restart DFSKERN. If the problem persists, contact the service representative.

IOEN00221A Devtab entry for ufs minor device
minor_dev **has no code page name specified.**

Severity: svc_c_sev_error

Explanation: While attaching a ufs file system, the **codepage** keyword was specified, without a code page name following it.

System Action: The program continues.

Operator Response: Ensure that the command syntax is correct, then try the request again.

Administrator Response: Either remove the **codepage** keyword or specify a valid code page name following the keyword.

IOEN00222A Devtab entry for ufs minor device
minor_dev **code page name**
code_page_name **not supported.**

Severity: svc_c_sev_error

Explanation: While attaching a ufs file system, the specified code page name was found to be invalid.

System Action: The program continues.

Operator Response: Ensure that the command syntax is correct, then try the request again.

Administrator Response: Specify a supported code page name or remove the **codepage** keyword and the code page name following the keyword. Otherwise the DFS Server default EBCDIC local code page will be used.

IOEN00223A The local codepage configured on this system and the value specified for
_IOE_HFS_FILETAG are incompatible.

Severity: svc_c_sev_error

Explanation: The local codepage that is configured on this system contains a value that is incompatible with the value for **_IOE_HFS_FILETAG** and **_IOE_LFS_FILETAG.** When Native ASCII support is enabled (**_IOE_HFS_FILETAG=QUERY** or **SET** or **_IOE_LFS_FILETAG=QUERY** or **SET**) the local codepage must be IBM-1047. Or, if the local codepage is configured to some value other than IBM-1047, Native ASCII support cannot be enabled (**_IOE_HFS_FILETAG** and **IOE_LFS_FILETAG** must be **IGNORE** or unspecified).

System Action: The program ends.

Operator Response: Use either Native ASCII support or a non-IBM-1047 local codepage, but not both.

Administrator Response: Either change your local codepage to IBM-1047, so that you can use the DFS Native ASCII support, or disable Native ASCII function by setting **_IOE_HFS_FILETAG=IGNORE** and

_IOE_LFS_FILETAG=IGNORE in the envar file for the Distributed File Service kernel (**DFSKERN**).

IOEN00224A The specification for DFSKERN envars
_IOE_WIRE_CODEPAGE and
_IOE_HFS_FILETAG are incompatible.

Severity: svc_c_sev_error

Explanation: The Distributed File Service kernel (**DFSKERN**) envar file (/opt/dfslocal/home/dfskern/envar) contains a value for **_IOE_WIRE_CODEPAGE** that is incompatible with the value for **_IOE_HFS_FILETAG**. When Native ASCII support is enabled (**IOE_HFS_FILETAG=QUERY** or **SET** or **_IOE_LFS_FILETAG=QUERY** of **SET**), **_IOE_WIRE_CODEPAGE** must be ISO8859-1 or unspecified. Or, if **_IOE_WIRE_CODEPAGE** specified an ASCII codepage other than ISO8859-1, Native ASCII cannot be enabled (**_IOE_HFS_FILETAG** and **_IOE_LFS_FILETAG**must be **IGNORE** or unspecified).

System Action: The program ends.

Operator Response: Use either Native ASCII support or a non-ISO-8859-1 client codepage, but not both.

Administrator Response: Either set **_IOE_WIRE_CODEPAGE=ISO8859-**1 or leave it unspecified, or disable the Native ASCII function by setting **_IOE_HFS_FILETAG=IGNORE** and **_IOE_LFS_FILETAG=IGNORE** in the envar file for the Distributed File Service kernel (**DFSKERN**).

IOEN00300A Error ″*error_message*″ **opening devtab file.**

Severity: svc_c_sev_error

Explanation: The device driver cannot open the devtab file. A strerror() message is displayed.

System Action: The program continues.

Administrator Response: Make sure the devtab file has been created and is permitted. Then ensure the application is authorized and is running as UID 0 (root).

IOEN00301A Incorrect device specification
″*bad_line*″ **encountered in devtab file.**

Severity: svc_c_sev_error

Explanation: An incorrect definition was encountered in the devtab file while attaching an LFS file system.

System Action: The program continues.

Administrator Response: Correct the devtab entry displayed and insure the devtab file contains only correct device definitions.

IOEN00302A Missing device specification for minor device *minor_number***.**

Severity: svc_c_sev_error

Explanation: While attaching an LFS file system, the device definition was not found in the devtab file for the specified minor device number.

System Action: The program continues.

Administrator Response: Verify that the a definition exists in the devtab file for the specified minor device number and that the minor device name is the dfstab file is specified correctly.

IOEN00303A While opening minor device *minor_number***, could not open dataset** *dataset_name***.**

Severity: svc_c_sev_error

Explanation: The device driver cannot open a linear dataset.

System Action: The program continues.

Administrator Response: Verify that the definition for the minor device is correct, and that the named dataset exists and is accessible.

IOEN00304I Loading dataset 'dataset_name**'.**

Severity: svc_c_sev_notice

Explanation: The device driver encountered an unformatted linear dataset and is loading it.

System Action: The program continues.

IOEN00305I Dataset 'dataset_name**' loaded successfully.**

Severity: svc_c_sev_notice

Explanation: The device driver has finished loading the named linear dataset.

System Action: The program continues.

IOEN00306E An error occurred while loading dataset 'dataset_name**'.**

Severity: svc_c_sev_error

Explanation: An error occurred while the device driver was loading the named linear dataset.

System Action: The program continues.

Administrator Response: Verify that dataset exists and the application can write to it.

IOEN00307E LFS I/O error *errorcode* **occured for linear dataset** *dataset_name*

Severity: svc_c_sev_warning

Explanation: An I/O error occured to dataset *dataset_name*.

System Action: The program continues.

Administrator Response: If a real physical I/O error did not occur then contact your service representative.

IOEN00308E MMRE error id=id **cis=**cis **if=**if **of=**of **buf=**buf **RBA=**RBA

Severity: svc_c_sev_warning

Explanation: MMRE contents for an LFS I/O error.

System Action: The program continues.

Administrator Response: If a real physical I/O error did not occur then contact your service representative.

IOEN00401E *routine***not bind to registry site:** *pgoError*

Severity: svc_c_sev_error

Explanation: A call to **sec_rgy_site_open** ended with a status other than **error_status_ok** resulting in no binding to a security server.

System Action: The program ends abnormally.

User Response: Verify that the security server is up and running and try the request again.

IOEN00403W *routineName***: Unexpected return code from sec_login_get_current_context:** *contextError*

Severity: svc_c_sev_warning

Explanation: As part of an attempt to locate a dfs server using **rpc_locate_dfs_server** a call to **sec_login_get_context** to determine whether the client was authenticated returned a status code other than **error_status_ok** or **sec_login_no_current_context**. **rpc_locate_dfs_server** will continue as if **sec_login_no_current_context** was returned.

System Action: The program continues.

User Response: None.

IOEN00404I Standard system errno table gives: *msg***.**

Severity: svc_c_sev_notice

Explanation: A standard system error code was detected and displayed during the lookup of a status or error code using the dce_err program.

System Action: The program continues.

User Response: None.

IOEN00405E *programName*: **Unable to fully convert entered (***statusToConvert***): ***errorString*.

Severity: svc_c_sev_error

Explanation: The code was not found during a lookup of a status or error code using the dce_err program.

System Action: The program continues.

User Response: Verify the code entered and try the request again.

IOEN00406I dce_err <decimal_or_0x-prefixed_hex_number>... [-help]

Severity: svc_c_sev_notice

Explanation: Correct dce_err program syntax consists of the program name and one or more message numbers in decimal or 0x-prefixed_hex_number format

System Action: The program continues.

User Response: None.

IOEN00407I **Signal** *Signal* **received, dump in progress.**

Severity: svc_c_sev_warning

Explanation: DFS is abending and a dump is in progress.

System Action: The program continues.

IOEN00408I **DFS: PSW from Machine State:** *psw1 psw2* **Abend Code from CIB:** *abend* **Reason Code from CIB:** *reason* **Load Module Name:** *module*

Severity: svc_c_sev_warning

Explanation: Abend information at time of dump.

System Action: The program continues.

IOEN00409A *ServerName*: **DCE principle login failed:** *ErrorText*.

Severity: svc_c_sev_error

Explanation: A DFS server tried to acquire DCE permissions to run as itself, but the login failed.

System Action: The program ends.

Administrator Response: Insure that DCE is running and that the principal associated with the specified server is able to authenticate as itself.

IOEN00410A *ProgName*: **Reload,idmap is not allowed when dce is not running.**

Severity: svc_c_sev_error

Explanation: This command is not valid without DCE running.

System Action: The program continues.

Administrator Response: None.

IOEN00411I **DFSKERN: attached fileset** *fileset* **aggregate id** *aggrId* **fileset id** *<fldhigh,,fldlow>*

Severity: svc_c_sev_notice

Explanation: A DFS server dynamically attached a new filesystem successfully.

System Action: The program continues.

IOEN00412I **DFSKERN: error** *error* **attaching of fileset** *fileset* **aggregate id** *aggrId* **fileset id** *<fldhigh,,fldlow>*

Severity: svc_c_sev_notice

Explanation: A DFS server dynamically attached a new filesystem but the attach failed. This message may be preceeded by other messages further explaining the error. The server continues but remote users may not be able to cross local UNIX System Services mounpoints into the indicated fileset.

System Action: The program continues.

IOEN00413I **DFSKERN: detached fileset** *fileset* **aggregate id** *aggrId* **fileset id** *<fldhigh,,fldlow>*

Severity: svc_c_sev_notice

Explanation: A DFS server is dynamically detaching a filesystem that is not currently being accessed by remote users. This is done to allow administrators the ability to unmount that filesystem without using the IMMEDIATE or FORCE options.

System Action: The program continues.

IOEN00414I **DFSKERN: unexported fileset** *fileset* **aggregate id** *aggrId* **fileset id** *<fldhigh,,fldlow>*

Severity: svc_c_sev_notice

Explanation: A DFS server is dynamically unexported a filesystem that is not currently being accessed by remote users. This is done to allow administrators the ability to unmount that filesystem without using the IMMEDIATE or FORCE options.

System Action: The program continues.

IOEN00415I DFSKERN: exported fileset *fileset* **aggregate id** *aggrId* **fileset id <**fldhigh**,,**fldlow**>**

Severity: svc_c_sev_notice

Explanation: A DFS server dynamically exported a locally mounted UNIX System Services file system to allow remote users to cross mount points.

System Action: The program continues.

IOEN00416I DFSKERN: error *error* **reason** *reason* **exporting fileset** *fileset* **aggregate id** *aggrId* **fileset id <**fldhigh**,,**fldlow**>**

Severity: svc_c_sev_notice

Explanation: A DFS server attempted to dynamically export a locally mounted UNIX System Services file system to allow remote users to cross local mount points, but the export failed. The error code and reason code are described in the *z/OS: UNIX System Services Messages and Codes*, SA22-7807. Remote users may not be able to cross into the file system specified.

System Action: The program continues.

IOEN00417I DFSKERN: error *error* **reason** *reason* **unexporting fileset** *fileset* **aggregate id** *aggrId* **fileset id <**fldhigh**,,**fldlow**>**

Severity: svc_c_sev_notice

Explanation: A DFS server is dynamically unexported a filesystem that is not currently being accessed by remote users. This is done to allow administrators the ability to unmount that filesystem without using the IMMEDIATE or FORCE options. An unmount of the file system may require the IMMEDIATE or FORCE options.

System Action: The program continues.

IOEN00418I DFSKERN: error parsing line *lineno* **after character** *character* **in DFS mounts file.**

Severity: svc_c_sev_notice

Explanation: A DFS server was requested to dynamically MOUNT filesystems into the UNIX System Services file tree at startup. An error was found after character *character* on line *lineno* in the file. Each line in the file must specify a MOUNT command and must follow the TSO MOUNT command syntax. This line is ignored in the file.

System Action: The program continues.

Administrator Response: Correct the line in error.

IOEN00419I DFSKERN: error *error* **reason** *reason* **occured when mounting filesystem** *filesysname***.**

Severity: svc_c_sev_notice

Explanation: A DFS server was requested to dynamically MOUNT filesystems into the UNIX System Services file tree at startup. An attempt was made to MOUNT the indicated filesystem but error *error* was received. The error is a UNIX System Services error code.

System Action: The program continues.

Administrator Response: If the problem was due to an incorrect entry in the DFS mounts file, then correct that line.

IOEN00420I DFSKERN: filesystem *filesysname* **mounted on path** *mountpath***.**

Severity: svc_c_sev_notice

Explanation: A DFS server was requested to dynamically MOUNT filesystems into the UNIX System Services file tree at startup. The filesystem indicated by *filesysname* was successfully mounted.

System Action: The program continues.

IOEN00421I DFSKERN: filesystem *filesysname* **unmounted**

Severity: svc_c_sev_notice

Explanation: A DFS server has performed an unmount of a DFSS filesystem due to aggregate detach or shutdown processing.

System Action: The program continues.

IOEN00422I DFSKERN: error *errorCode* **unmounting filesystem** *filesystem* **reason** *reasonCode*

Severity: svc_c_sev_notice

Explanation: A DFS server has performed an unmount of a DFSS filesystem due to aggregate detach or shutdown processing but an error occured. The error code and reason are UNIX System Services return and reason codes.

System Action: The program continues.

IOEN00423E Flserver communication error (error_text**) mounting filesystem** *filesystem***.**

Severity: svc_c_sev_error

Explanation: In order to dynamically mount the filesystem, communication is needed with the flserver to either find an existing FLDB entry or create a new FLDB

entry for the filesystem. A problem occurred with this communication, which is described in the message.

System Action: The program continues. The filesystem will not be accessed.

Administrator Response: Correct the problem, flush the client cache if necessary, and retry the dynamic mounting of the filesystem.

IOEN00424W Unauthenticated users will be granted unlimited access.

Severity: svc_c_sev_warning

Explanation: The **_IOE_MVS_DFSDFLT** environment variable was assigned a userid which has a uid of 0. Since all unauthenticated users are mapped to that userid, those users will have the unlimited access of a super user.

System Action: The program continues.

Administrator Response: If a different access is desired for unauthenticated users, then change the **_IOE_MVS_DFSDFLT** environment variable and restart the server.

IOEN00425E DFSKERN could not retrieve credentials for the *Userid* **userid.**

Severity: svc_c_sev_warning

Explanation: DFSKERN was unable to retrieve credentials for the userid specified for the **_IOE_MVS_DFSDFLT** environment variable.

System Action: The program continues.

Administrator Response: Check to see if that userid is defined to your security product by logging onto your system as that userid or querying the security product using established procedures for that product.

IOEN00426I Unauthenticated users will not be allowed access.

Severity: svc_c_sev_warning

Explanation: The **_IOE_MVS_DFSDFLT** environment variable was either not included in the envar file, or it was included but the server encountered an error while trying to process the variable.

System Action: The program continues.

Administrator Response: If you would like unauthenticated users to have guest or anonymous access, then change the **_IOE_MVS_DFSDFLT** environment variable and restart the server.

IOEN00427E DFSKERN: error *errorCode* **acquiring ownership of filesystem** *filesystem* **reason** *reasonCode***.**

Severity: svc_c_sev_error

Explanation: A DFS server has performed a change mount of an HFS filesystem to change ownership from another machine in the sysplex to this one. An error occured. The error code and reason are UNIX System Services return and reason codes, and can be found in *z/OS: UNIX System Services Messages and Codes*, SA22-7807.

System Action: The program continues. The filesystem will not be exported.

Administrator Response: Correct the problem and retry the export of the filesystem.

IOEN00430I RFS RECOVERY: ENTERED

Severity: svc_c_sev_warning

Explanation: A system ABEND occured during the processing of an access method service called to satisfy an RFS file operation. The ABEND has been caught by the RFS recovery code in dfskern and prevented an ABEND in the dfskern process. SMB server operation now continues normally.

System Action: The program continues.

Administrator Response: This message will only be issued when the kernel is in RFS recovery code recovering from an ABEND in an access method service call. If you see a lot of these messages in the job log, you may want to investigate what RFS files your clients were working with, when the error occurred. Note that this is not a DFS/SMB problem and there os no need to call your service represrntative, unless these messages are issued frequently.

IOEN00431I RFS RECOVERY: SDWA

Severity: svc_c_sev_warning

Explanation: A system ABEND occured during the processing of an access method service called to satisfy an RFS file operation. The ABEND has been caught by the RFS recovery code in dfskern and prevented an ABEND in the dfskern process. SMB server operation now continues normally.

System Action: The program continues.

Administrator Response: This message will only be issued when the kernel is in RFS recovery code recovering from an ABEND in an access method service call. If you see a lot of these messages in the job log, you may want to investigate what RFS files your clients were working with, when the error occurred. Note that this is not a DFS/SMB problem and there os no need to call your service represrntative, unless these messages are issued frequently.

IOEN00432I RFS RECOVERY: SDWA; RETRY

Severity: svc_c_sev_warning

Explanation: A system ABEND occured during the processing of an access method service called to satisfy an RFS file operation. The ABEND has been caught by the RFS recovery code in dfskern and prevented an ABEND in the dfskern process. SMB server operation now continues normally.

System Action: The program continues.

Administrator Response: This message will only be issued when the kernel is in RFS recovery code recovering from an ABEND in an access method service call. If you see a lot of these messages in the job log, you may want to investigate what RFS files your clients were working with, when the error occurred. Note that this is not a DFS/SMB problem and there os no need to call your service represrntative, unless these messages are issued frequently.

IOEN00433I RFS RECOVERY: SDWA; RSNCODE

Severity: svc_c_sev_warning

Explanation: A system ABEND occured during the processing of an access method service called to satisfy an RFS file operation. The ABEND has been caught by the RFS recovery code in dfskern and prevented an ABEND in the dfskern process. SMB server operation now continues normally.

System Action: The program continues.

Administrator Response: This message will only be issued when the kernel is in RFS recovery code recovering from an ABEND in an access method service call. If you see a lot of these messages in the job log, you may want to investigate what RFS files your clients were working with, when the error occurred. Note that this is not a DFS/SMB problem and there os no need to call your service represrntative, unless these messages are issued frequently.

IOEN00434I RFS RECOVERY: SDWA; NO RSNCODE

Severity: svc_c_sev_warning

Explanation: A system ABEND occured during the processing of an access method service called to satisfy an RFS file operation. The ABEND has been caught by the RFS recovery code in dfskern and prevented an ABEND in the dfskern process. SMB server operation now continues normally.

System Action: The program continues.

Administrator Response: This message will only be issued when the kernel is in RFS recovery code recovering from an ABEND in an access method service call. If you see a lot of these messages in the job log, you may want to investigate what RFS files your clients were working with, when the error occurred. Note that

this is not a DFS/SMB problem and there os no need to call your service represrntative, unless these messages are issued frequently.

IOEN00435I RFS RECOVERY: NO SDWA; PERCOLATE

Severity: svc_c_sev_warning

Explanation: A system ABEND occured during the processing of an access method service called to satisfy an RFS file operation. The ABEND has been caught by the RFS recovery code in dfskern and prevented an ABEND in the dfskern process. SMB server operation now continues normally.

System Action: The program continues.

Administrator Response: This message will only be issued when the kernel is in RFS recovery code recovering from an ABEND in an access method service call. If you see a lot of these messages in the job log, you may want to investigate what RFS files your clients were working with, when the error occurred. Note that this is not a DFS/SMB problem and there os no need to call your service represrntative, unless these messages are issued frequently.

IOEN00436I RFS RECOVERY: NO RETRY; PERCOLATE

Severity: svc_c_sev_warning

Explanation: A system ABEND occured during the processing of an access method service called to satisfy an RFS file operation. The ABEND has been caught by the RFS recovery code in dfskern and prevented an ABEND in the dfskern process. SMB server operation now continues normally.

System Action: The program continues.

Administrator Response: This message will only be issued when the kernel is in RFS recovery code recovering from an ABEND in an access method service call. If you see a lot of these messages in the job log, you may want to investigate what RFS files your clients were working with, when the error occurred. Note that this is not a DFS/SMB problem and there os no need to call your service represrntative, unless these messages are issued frequently.

IOEN00437I RFS RECOVERY: RETURNING

Severity: svc_c_sev_warning

Explanation: A system ABEND occured during the processing of an access method service called to satisfy an RFS file operation. The ABEND has been caught by the RFS recovery code in dfskern and prevented an ABEND in the dfskern process. SMB server operation now continues normally.

System Action: The program continues.

Administrator Response: This message will only be issued when the kernel is in RFS recovery code recovering from an ABEND in an access method service call. If you see a lot of these messages in the job log, you may want to investigate what RFS files your clients were working with, when the error occurred. Note that this is not a DFS/SMB problem and there os no need to call your service represrntative, unless these messages are issued frequently.

Chapter 11. IOEOnnnnnt Messages - General DFS Internal Errors

This chapter contains the messages that identify general DFS internal errors.

IOEO11500A *Sub-routine*: **dfs server authentication ended in error,** *ErrorMsg*.

Severity: svc_c_sev_error

Explanation: OE DCE DFS is unable to authenticate the name service.

System Action: The program continues.

Administrator Response: Contact the service representative.

IOEO11501A *SubRoutine*: **Unable to disable authentication to name service.**

Severity: svc_c_sev_error

Explanation: OE DCE DFS is unable to disable authentication to the name service via RPC runtime function **rpc_ns_set_authn**.

System Action: The program continues.

Administrator Response: Contact the service representative.

IOEO11502A Unable to initialize client authentication, *ErrorMsg*.

Severity: svc_c_sev_error

Explanation: An error occurred while an OE DCE DFS client program was attempting to initialize for authenticated RPCs to an OE DCE DFS server.

System Action: The program continues.

Administrator Response: Contact the service representative.

IOEO11504A Unable to authenticate client binding, *ErrorMsg*.

Severity: svc_c_sev_error

Explanation: An error occurred while an OE DCE DFS client was attempting to obtain a binding handle to an OE DCE DFS server.

System Action: The program continues.

Administrator Response: Contact the service representative.

IOEO11505A *SubRoutine*: **Client authentication ended in error for** *EntryName*, *ErrorMsg*.

Severity: svc_c_sev_error

Explanation: Client authentication failed for entry *EntryName*.

System Action: The program continues.

Administrator Response: Contact the service representative.

IOEO11506A *SubRoutine*: **Unable to reset authentication to name service:** *ErrorCode*.

Severity: svc_c_sev_error

Explanation: An OE DCE DFS client is unable to reset name space authentication using the DCE **rpc_ns_set_authn** function.

System Action: The program continues.

Administrator Response: Contact the service representative.

IOEO11507I *Binding*: **binding is** *StringBinding*.

Severity: svc_c_sev_notice

Explanation: This message displays a string binding and its associated binding handle.

System Action: The program continues.

Administrator Response: None.

IOEO11508I Binding Vector size = *Size*.

Severity: svc_c_sev_notice

Explanation: This message displays the size of a binding vector.

System Action: The program continues.

Administrator Response: None.

IOEO11509I Registered interface count: *Number*.

Severity: svc_c_sev_notice

Explanation: This message displays the number of registered interfaces for a binding.

System Action: The program continues.

Administrator Response: None.

IOEO11510I addr *Addr***, i/f uuid=***UUID***, majVer=***Major***,
minVer=***Minor***.**

Severity: svc_c_sev_notice

Explanation: This message displays the major and minor version numbers of an interface given by uuid *Addr*.

System Action: The program continues.

Administrator Response: None.

IOEO11511I i/f uuid=*UUID***, majVer=***Major***,
minVer=***Minor***.**

Severity: svc_c_sev_notice

Explanation: This message displays the major and minor version numbers of an interface given by uuid *UUID*.

System Action: The program continues.

Administrator Response: None.

IOEO11512I uuid = ***UUID*.**

Severity: svc_c_sev_notice

Explanation: This message displays a uuid.

System Action: The program continues.

Administrator Response: None.

IOEO11600A panic: *ErrorMsg*

Severity: svc_c_sev_error

Explanation: An OE DCE DFS program is aborting; *ErrorMsg* details the cause of the failure.

System Action: The program continues.

Administrator Response: None.

**IOEO11700A dfs_installInterfaceDescription:
interface installed already.**

Severity: svc_c_sev_error

Explanation: An OE DCE DFS program requested that a previously installed interface be installed again.

System Action: The program continues.

Administrator Response: Contact the service representative.

**IOEO11701A dfs_installInterfaceDescription: unable
to allocate memory.**

Severity: svc_c_sev_error

Explanation: The OE DCE DFS program is unable to install an interface description due to an out of storage condition.

System Action: The program continues.

Administrator Response: Try running the OE DCE DFS program with a larger virtual storage size. If the problem continues, contact the service representative.

IOEO11702A Original interface is not installed.

Severity: svc_c_sev_error

Explanation: An OE DCE DFS program encountered an internal processing error.

System Action: The program continues.

Administrator Response: Contact the service representative.

IOEO11800A *Routine***: unexpected error from** *Callee***:
*ErrorMsg***.**

Severity: svc_c_sev_error

Explanation: An internal error occurred in an OE DCE DFS program.

System Action: The program continues.

Administrator Response: Contact the service representative.

**IOEO11900A (unknown routine): Error: required
pointer parameter, (unknown
parameter), has NULL value.**

Severity: svc_c_sev_error

Explanation: An OE DCE DFS subroutine determined there was an internal error in an input parameter.

System Action: The program continues.

Administrator Response: Contact the service representative.

**IOEO11901A (unknown routine): Error: required
pointer parameter,** *Parameter***, has
NULL value.**

Severity: svc_c_sev_error

Explanation: An OE DCE DFS subroutine determined there was an internal error in an input parameter.

System Action: The program continues.

Administrator Response: Contact the service representative.

IOEO11902A *Routine***: Error: required pointer
parameter, (unknown parameter), has
NULL value.**

Severity: svc_c_sev_error

Explanation: An OE DCE DFS subroutine determined there was an internal error in an input parameter.

System Action: The program continues.

Administrator Response: Contact the service representative.

IOEO11903A *Routine***: Error: required pointer parameter,** *Parameter***, has NULL value.**

Severity: svc_c_sev_error

Explanation: An OE DCE DFS subroutine determined there was an internal error in an input parameter.

System Action: The program continues.

Administrator Response: Contact the service representative.

IOEO11904A *Filename***,** *Line***.**

Severity: svc_c_sev_error

Explanation: An OE DCE DFS subroutine determined there was an internal error in an input parameter.

System Action: The program continues.

Administrator Response: Contact the service representative.

IOEO11905A (unknown file), *Line***.**

Severity: svc_c_sev_error

Explanation: An OE DCE DFS subroutine determined there was an internal error in an input parameter.

System Action: The program continues.

Administrator Response: Contact the service representative.

Chapter 12. IOEPnnnnnt Messages - DFS Kernel (dfskern) and General DFS Errors

This chapter contains the messages that identify DFS Kernel (dfskern) and general DFS errors.

IOEP01000A DFS kernel cannot create system anchor. System return code: *return_code***.**

Severity: svc_c_sev_error

Explanation: The Distributed File Service kernel cannot create a primary level name or token pair. The value *return_code* is returned from the **ieantcr()** callable service. This error should not occur during normal processing.

System Action: The program ends abnormally.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about the system return code is found in the *z/OS: MVS Programming: Authorized Assembler Services Reference ALE-DYN*, SA22-7609.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01001A DFS kernel cannot initialize condition variable. *error_text*

Severity: svc_c_sev_error

Explanation: The Distributed File Service kernel cannot initialize a condition variable. Additional information about the error is given by the C library *error_text*, which is returned from the **pthread_cond_init()** function. This error should not occur during normal processing.

System Action: The program ends abnormally.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01100I DFS daemon *daemon_name* **has stopped.**

Severity: svc_c_sev_notice

Explanation: The specified DFS daemon has stopped. This message is issued when the daemon is stopped by the **STOP** command, or if the daemon stops unexpectedly. If the daemon stops unexpectedly, the Distributed File Service kernel attempts to start it again.

System Action: The program continues.

IOEP01101I DFS daemon *daemon_name* **status is** *status_string* **and process ID is** *daemon_pid***.**

Severity: svc_c_sev_notice

Explanation: This message is issued when a daemon is queried using the **QUERY** command. The system returns one of the following status values:

DOWN
The daemon is not running.

STOPPING
The Distributed File Service kernel is attempting to end the daemon.

INITIALIZING
The daemon is running but has not completed initialization.

READY
The daemon is running, initialized, and ready to receive requests.

UNKNOWN
The daemon started, but the Distributed File Service kernel cannot determine if the daemon has completed initialization.

System Action: The program continues.

IOEP01102I DFS kernel is attempting to start daemon *daemon_name***.**

Severity: svc_c_sev_notice

Explanation: The Distributed File Service kernel detects the unexpected termination of the daemon and is attempting to automatically start it.

System Action: The program attempts to automatically start the daemon.

IOEP01103I DFS kernel initialization complete.

Severity: svc_c_sev_notice

Explanation: The Distributed File Service kernel successfully completed initialization.

System Action: The program continues.

IOEP01104I DFS kernel has received STOP command.

Severity: svc_c_sev_notice

Explanation: The Distributed File Service kernel received the **STOP** command.

System Action: The Distributed File Service kernel ends all DFS daemons and terminates.

IOEP01105I DFS kernel detects missing parameters for MODIFY command.

Severity: svc_c_sev_warning

Explanation: The Distributed File Service kernel receives a **MODIFY** command that is missing required parameters. As the result, the Distributed File Service kernel ignores the command. The *z/OS: Distributed File Service DFS Administration*, SC24-5915, contains additional information about the **MODIFY** command and associated options.

System Action: The Distributed File Service kernel ignores the command and continues.

Operator Response: Ensure that the command syntax is correct, then try the request again.

IOEP01106E MODIFY command syntax is too long.

Severity: svc_c_sev_warning

Explanation: The **MODIFY** command directed to the Distributed File Service kernel contains syntax that is longer than the maximum length permitted. The *z/OS: Distributed File Service DFS Administration*, SC24-5915, contains additional information about the **MODIFY** command and associated options.

System Action: The Distributed File Service kernel ignores the command and continues.

Operator Response: Do one of the following, then try the request again:

- Ensure the command syntax is correct.
- Use abbreviations for command parameters to reduce the length of the command syntax.

IOEP01107A DFS kernel detects internal error.
parameter_name: *value*.

Severity: svc_c_sev_error

Explanation: A call to an internal Distributed File

Service kernel routine specifies a parameter value that is not valid. This error should not occur during normal processing.

System Action: The program continues.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01108A DFS kernel cannot retrieve MODIFY command data.

Severity: svc_c_sev_error

Explanation: The Distributed File Service kernel encounters a severe error while attempting to retrieve the **MODIFY** command data from the communications area.

System Action: The program continues with reduced function. **MODIFY** commands are no longer processed.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01109A MODIFY command contains no verb.

Severity: svc_c_sev_error

Explanation: The required verb parameter is not specified on the **MODIFY** command. The *z/OS: Distributed File Service DFS Administration*, SC24-5915, contains additional information about the **MODIFY** command and associated options.

System Action: The request fails.

Operator Response: Ensure that the command syntax is correct, then try the request again.

IOEP01110A DFS kernel does not recognize verb
verb_name.

Severity: svc_c_sev_error

Explanation: The verb parameter supplied on the **MODIFY** command is not valid. The *z/OS: Distributed File Service DFS Administration*, SC24-5915, contains

additional information about the **MODIFY** command and associated options.

System Action: The request fails.

Operator Response: Ensure that the command syntax is correct, then try the request again.

IOEP01111A Daemon name parameter required for *command_name* **command.**

Severity: svc_c_sev_error

Explanation: The **MODIFY** command does not specify the required daemon name parameter. The *z/OS: Distributed File Service DFS Administration*, SC24-5915, contains additional information about the **MODIFY** command and associated options.

System Action: The request fails.

Operator Response: Ensure that the command syntax is correct, then try the request again.

IOEP01113A Daemon name *daemon_name* **specified for** *command_name* **command is not valid.**

Severity: svc_c_sev_error

Explanation: The daemon name parameter supplied on the **MODIFY** command is not valid. The *z/OS: Distributed File Service DFS Administration*, SC24-5915, contains additional information about the MODIFY command and associated options.

System Action: The request fails.

Operator Response: Ensure that the command syntax is correct, then try the request again.

IOEP01114A Status parameter required for *command_name* **command.**

Severity: svc_c_sev_error

Explanation: The **MODIFY** command does not specify the required status parameter. The *z/OS: Distributed File Service DFS Administration*, SC24-5915, contains additional information about the **MODIFY** command and associated options.

System Action: The request fails.

Operator Response: Ensure that the command syntax is correct, then try the request again.

IOEP01115A Status *daemon_status*, **specified for** *command_name* **command is not valid.**

Severity: svc_c_sev_error

Explanation: The status parameter specified for the **MODIFY** command is not valid. The *z/OS: Distributed File Service DFS Administration*, SC24-5915, contains

additional information about the **MODIFY** command and its associated options.

System Action: The request fails.

Operator Response: Ensure that the command syntax is correct, then try the request again.

IOEP01116A User *user_ID* **is not authorized to issue** *command_name* **command.**

Severity: svc_c_sev_error

Explanation: The user does not have the required authority to issue the specified command.

System Action: The program continues.

Administrator Response: Determine whether the user should be authorized to use the command. Information about authorizing users for DFS commands is found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915.

IOEP01117A DFS kernel cannot determine user ID of requestor. *error_text*.

Severity: svc_c_sev_error

Explanation: A user has requested an operation that requires authorization. The Distributed File Service kernel is not able to determine the user ID of the requestor in order to verify if the requestor has the correct authority. In most cases, the reasons for the failure are:

- The user ID of the requestor is not defined in the Security registry.
- An internal error occurs while retrieving the user ID.

Additional information about the error is given by the C library *error_text*, which is returned from the **get_CallersId()** function. This error should not occur during normal processing.

System Action: The program continues.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Do the following:

- Ensure that the user ID of the requestor is defined in the Security registry, then try the request again.
- Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01118A   START command cannot start daemon *daemon_name* **because it is not configured.**

Severity: svc_c_sev_error

Explanation: The **START** command cannot start the specified daemon because it is not configured.

System Action: The program continues.

Operator Response: Do the following, then try the request again:

- Ensure that the command syntax is correct.
- Ensure that the daemon specified is the daemon actually intended for starting.

Administrator Response: If the daemon specified is the daemon actually intended for starting then run the DFS configuration program to configure the daemon.

IOEP01119A   Daemon *daemon* **cannot be started because it has status of** *daemon_status***.**

Severity: svc_c_sev_error

Explanation: The daemon has a status other than DOWN. A **START** request is only honored if the daemon has a status of DOWN. If the status is READY, the daemon is already running.

System Action: The program continues.

Operator Response: Do the following, then try the request again:

- Ensure that the daemon specified is the one actually intended for starting.
- If the status is either INITIALIZING or STOPPING, then wait for the status to change to READY or DOWN.
- If the status is UNKNOWN, contact the DFS administrator.

Administrator Response: Additional information about corrective actions is found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915.

IOEP01120A   Daemon *daemon* **cannot be stopped because it has status of** *daemon_status***.**

Severity: svc_c_sev_error

Explanation: The daemon has a status other than UNKNOWN or READY. A stop request is only honoured if the daemon has a status of UNKNOWN or READY. If the daemon status is DOWN, the daemon is already stopped.

System Action: The program continues.

Operator Response: Do the following, then try the request again:

- Ensure that the daemon specified is the one actually intended for stopping.

- If the status is either INITIALIZING or STOPPING, then wait for the status to change to READY, DOWN, or UNKNOWN.

IOEP01121A   Daemon *daemon_name* **initialization not complete.**

Severity: svc_c_sev_error

Explanation: The Distributed File Service kernel attempts to start a daemon, but the daemon does not report that initialization is complete.

System Action: The Distributed File Service kernel sets the status of the daemon to UNKNOWN and continues.

Operator Response: Do the following:

- Query the status of the daemon using the **QUERY** command.
- If the daemon has a process ID other than zero, then do the following:
  - Issue a **STOP** command for the daemon.
  - Wait for a message indicating that the daemon has stopped.
  - Try the **START** command again.
- If the process ID is zero try the **START** command again.
- Check the console log for any messages, probes, or dumps that occur prior to this message, and notify the system programmer.

System Programmer Response: Use the diagnostic data collected by the operator to determine the probable cause of the failure. If the problem continues, contact the service representative.

IOEP01122I   DFS kernel will stop CDS advertiser then start CDS advertiser and CDS clerk.

Severity: svc_c_sev_notice

Explanation: The Distributed File Service kernel detects unexpected termination of the CDS clerk.

System Action: The Distributed File Service kernel first attempts to end the CDS advertiser. If the CDS advertiser is active and can be successfully ended by the Distributed File Service kernel, then it will start the CDS advertiser and then start the CDS clerk.

IOEP01123A   DFS kernel cannot start daemon *daemon_name* **because the daemon did not remain active through the restart time limit.**

Severity: svc_c_sev_error

Explanation: The Distributed File Service kernel cannot automatically start the daemon *daemon_name* because the previous instance of the daemon did not

run long enough to demonstrate the stability of the next instance.

System Action: The program continues.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01124A No entry exists for daemon *daemon_name* **in daemon configuration file.**

Severity: svc_c_sev_error

Explanation: The DFS daemon configuration file does not contain an entry for the daemon *daemon_name*.

System Action: The program continues.

Administrator Response: Do the following:
- Ensure that the specified entry was not removed from the DFS daemon configuration file.
- Ensure that all daemon names are spelled correctly.

Additional information about valid syntax for the DFS daemon configuration file is found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915.

IOEP01125A DFS kernel detects unknown daemon name *daemon_name* **in DFS daemon configuration file.**

Severity: svc_c_sev_error

Explanation: The DFS daemon configuration file contains a daemon name that is not known to the Distributed File Service kernel.

System Action: The program continues.

Administrator Response: Do the following:
- Examine the entry in the DFS daemon configuration file that contains the specified daemon name.
- Ensure that all daemon names are spelled correctly.
- Ensure that no other syntax errors exist in the file.

Additional information about valid syntax for the DFS daemon configuration file is found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915.

IOEP01126A Entry is missing parameter *parameter_name* **in DFS daemon configuration file.**

Severity: svc_c_sev_error

Explanation: The Distributed File Service kernel encounters an entry in the DFS daemon configuration file that is missing the specified parameter.

System Action: The program continues.

Administrator Response: Do the following:
- Examine the entry in the DFS daemon configuration file and ensure that all entries contain the parameter.
- Ensure that the parameter is spelled correctly and that the value is valid.
- Ensure that no other syntax errors exist in the file.

Additional information about valid syntax for the DFS daemon configuration file is found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915.

IOEP01127A DFS kernel detects error in value *value_string* **in DFS daemon configuration file.**

Severity: svc_c_sev_error

Explanation: The Distributed File Service kernel encounters an error in a parameter in the DFS daemon configuration file. Either the parameter or the value specified in the error message is not valid.

System Action: The program continues.

Administrator Response: Do the following:
- Examine the entry in the DFS daemon configuration file and ensure that the value contains valid characters.
- Ensure that no other syntax errors exist in the file.

Additional information about valid syntax for the DFS daemon configuration file is found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915.

IOEP01128A DFS kernel detects missing quotation mark in value *parameter_value* **in DFS daemon configuration file.**

Severity: svc_c_sev_error

Explanation: A close quotation mark is missing from an entry in the DFS daemon configuration file.

System Action: The program continues.

Administrator Response: Examine the entry in the DFS daemon configuration file and ensure that all quotation characters are matched. Additional information about valid syntax for the DFS daemon configuration file is found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915.

IOEP01129A DFS kernel cannot create child process. System return code: *return_code-reason_code***.**

Severity: svc_c_sev_error

Explanation: The Distributed File Service kernel fails to create a child process. This error occurs when a **START** command is processing or when an automatic start attempt is made for a daemon.

System Action: The program continues.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01130A DFS kernel cannot end process *process_id***.** *error_text***.**

Severity: svc_c_sev_error

Explanation: The Distributed File Service kernel fails to end a child process. This error occurs when a **STOP** command is processing. The error indicates that the process ID is not valid. Additional information about the error is given by the C library *error_text*, which is returned from the **kill()** function. This error should not occur during normal processing.

System Action: The program continues.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01131A DFS kernel cannot determine process ID for daemon *daemon_name***.**

Severity: svc_c_sev_error

Explanation: The Distributed File Service kernel has no record of a process ID for the specified daemon.

System Action: The program continues.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If the

problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01132A DFS kernel cannot create local socket. *error_text***.**

Severity: svc_c_sev_error

Explanation: The Distributed File Service kernel attempts to create a local socket, but the z/OS UNIX System Services kernel returns an error. Additional information about the error is given by the C library *error_text*, which is returned from the **socket()** function. This error should not occur during normal processing.

System Action: The program continues.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01133A DFS kernel cannot bind to local socket. *error_text***.**

Severity: svc_c_sev_error

Explanation: The Distributed File Service kernel attempts to bind to a local socket, but the z/OS UNIX System Services kernel returns an error. Additional information about the error is given by the C library *error_text*, which is returned from the **bind()** function. This error should not occur during normal processing.

System Action: The program continues.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01134A DFS kernel cannot listen on local socket. *error_text***.**

Severity: svc_c_sev_error

Explanation: The Distributed File Service kernel attempts to listen on a local socket, but the z/OS UNIX

System Services kernel returns an error. Additional information about the error is given by the C library *error_text*, which is returned from the **listen()** function. This error should not occur during normal processing.

System Action: The program continues.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01135A DFS kernel cannot accept local socket request. *error_text***.**

Severity: svc_c_sev_error

Explanation: The Distributed File Service kernel attempts to accept a request on a local socket, but the z/OS UNIX System Services kernel returns an error. Additional information about the error is given by the C library *error_text*, which is returned from the **accept()** function. This error should not occur during normal processing.

System Action: The program continues.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01136A DFS kernel cannot write to local socket. *error_text***.**

Severity: svc_c_sev_error

Explanation: The Distributed File Service kernel attempts to write to a local socket, but the z/OS UNIX System Services kernel returns an error. Additional information about the error is given by the C library *error_text*, which is returned from the **write()** function. This error should not occur during normal processing.

System Action: The program continues.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01137A DFS kernel cannot read from local socket. *error_text***.**

Severity: svc_c_sev_error

Explanation: The Distributed File Service kernel attempts to read from a local socket, but the z/OS UNIX System Services kernel returns an error. Additional information about the error is given by the C library *error_text*, which is returned from the **read()** function. This error should not occur during normal processing.

System Action: The program continues.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01138A DFS kernel cannot open the file *file_name***.**

Severity: svc_c_sev_error

Explanation: The Distributed File Service kernel cannot open the file *file_name*. This error occurs when a **START** command is processing or when an automatic start attempt is made for a daemon.

System Action: The program continues. The **START** request fails.

Operator Response: Collect the probe information and notify the system programmer.

System Programmer Response: Do the following:
- Ensure that there is a valid DD statement for the file in the Distributed File Service kernel PROC.
- Ensure that the Distributed File Service kernel has READ authority for the file.
- Ensure that the file exists and is not allocated by any other process.

If the problem continues, contact the service representative.

IOEP01139A DFS kernel detects file error for file *file_name***.**

Severity: svc_c_sev_error

Explanation: The Distributed File Service kernel detects a file error for the file *file_name*. This error occurs when a **START** command is processing or when

an automatic start attempt is made for a daemon.

System Action: The program continues. The **START** request fails.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Do the following:
- Ensure that the file is not empty.
- Ensure that the file contents are not corrupt.
- Use the dump to help determine the probable cause of the failure.

If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01140A DFS kernel cannot allocate memory.

Severity: svc_c_sev_error

Explanation: The Distributed File Service kernel is not able to allocate memory. This error should not occur during normal processing.

System Action: The program continues.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Increase region size for the Distributed File Service kernel and try the operation again. If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01141A DFS kernel cannot lock mutex.
     error_text.

Severity: svc_c_sev_error

Explanation: The Distributed File Service kernel cannot lock a mutex. Additional information about the error is given by the C library *error_text*, which is returned from the **pthread_mutex_lock()** function. This error should not occur during normal processing.

System Action: The program continues with reduced function.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the

z/OS: Language Environment Debugging Guide, GA22-7560.

IOEP01142A DFS kernel cannot unlock mutex.
     error_text

Severity: svc_c_sev_error

Explanation: The Distributed File Service kernel cannot unlock a mutex. Additional information about the error is given by the C library *error_text*, which is returned from the **pthread_mutex_unlock()** function. This error should not occur during normal processing.

System Action: The program continues with reduced function.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01143E DFS kernel cannot create thread.
     error_text

Severity: svc_c_sev_error

Explanation: The Distributed File Service kernel is not able to create a thread. Additional information about the error is given by the C library *error_text*, which is returned from the **pthread_create()** function. The most likely reason for the failure is that the system limit for the maximum number of threads for each process is exceeded. This error should not occur during normal processing.

System Action: The program continues.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Do one of the following:
- Wait for at least one request in progress to complete, then try the request again.
- Ensure that the MAXTHREADTASKS and MAXTHREADS values in the z/OS parmlib member are set to sufficient levels to accommodate the system load. To accommodate the requirements of the Distributed File Service kernel, the minimum recommended value for both MAXTHREADTASKS and MAXTHREADS is 500.

If the problem continues, contact the service representative.

IOEP01144E DFS kernel cannot detach thread.
          error_text

Severity: svc_c_sev_error

Explanation: The Distributed File Service kernel is not able to detach a thread. Additional information about the error is given by the C library *error_text*, which is returned from the **pthread_detach()** function. This error should not occur during normal processing.

System Action: The program continues.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01145E DFS kernel cannot join to thread.
          error_text

Severity: svc_c_sev_error

Explanation: The Distributed File Service kernel is not able to join to a thread. Additional information about the error is given by the C library *error_text*, which is returned from the **pthread_join()** function. This error should not occur during normal processing.

System Action: The program continues.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01146A DFS kernel cannot start all DFS daemons.

Severity: svc_c_sev_error

Explanation: The Distributed File Service kernel cannot start all of the DFS daemons because an error occurs during initialization of one of the daemons.

System Action: The program continues.

Operator Response: Check the console log for any messages, probes, or dumps that occur prior to this message, and notify the system programmer.

System Programmer Response: Use the diagnostic data collected by the operator to determine the probable

cause of the failure. If the problem continues, contact the service representative.

IOEP01147A DFS kernel cannot obtain status of DFS daemon. *error_text*.

Severity: svc_c_sev_error

Explanation: The Distributed File Service kernel is not able to determine the status of a DFS daemon. Additional information about the error is given by the C library *error_text*, which is returned from the **waitpid()** function. This error should not occur during normal processing.

System Action: The program continues.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01148A DFS kernel cannot retrieve signal.
          error_text.

Severity: svc_c_sev_error

Explanation: The Distributed File Service kernel is not able to retrieve a signal from the pending signals queue. Additional information about the error is given by the C library *error_text*, which is returned from the **sigwait()** function. This error should not occur during normal processing.

System Action: The program continues.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01149A DFS kernel detects exception. The *request_name* **request fails.**

Severity: svc_c_sev_error

Explanation: The Distributed File Service kernel detects an exception while processing a request. This request cannot complete, but no services are terminated.

System Action: The program continues.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01150A DFS kernel detects exception and is ending *service_name* **service.**

Severity: svc_c_sev_error

Explanation: The Distributed File Service kernel detects an exception. The specified service is no longer available.

System Action: The program continues with reduced function. The specified service ends.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If you do not wish the Distributed File Service kernel to continue without the specified service, then cancel the Distributed File Service kernel and start it again. If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01151A DFS kernel cannot anchor control block. System return code: *return_code***.**

Severity: svc_c_sev_fatal

Explanation: The Distributed File Service kernel is not able to anchor a control block.

System Action: The program ends.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01152A DFS kernel cannot create required thread.

Severity: svc_c_sev_fatal

Explanation: The Distributed File Service kernel is not able to create a required thread. The most likely reason for the failure is that the system limit for the maximum number of threads for each process has been reached.

System Action: The program ends.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Ensure that the MAXTHREADTASKS and MAXTHREADS values in the z/OS parmlib member are set to sufficient levels to accommodate the system load. To accommodate the requirements of the Distributed File Service kernel, the minimum recommended value for both MAXTHREADTASKS and MAXTHREADS is 500. If the problem continues, contact the service representative.

IOEP01153A DFS kernel cannot initialize mutex.
error_text

Severity: svc_c_sev_fatal

Explanation: The Distributed File Service kernel cannot initialize a mutex. Additional information about the error is given by the C library *error_text*, which is returned from the **pthread_mutex_init()** function. This error should not occur during normal processing.

System Action: The program ends abnormally.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01154A DFS kernel cannot block signals.
error_text

Severity: svc_c_sev_fatal

Explanation: The Distributed File Service kernel is not able to block signals. Additional information about the error is given by the C library *error_text*, which is returned from the **sigprocmask()** function. This error should not occur during normal processing.

System Action: The program ends.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If the

problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01155A DFS kernel cannot initialize MODIFY command queue.

Severity: svc_c_sev_fatal

Explanation: Distributed File Service kernel initialization of the **MODIFY** command queue is not successful.

System Action: The program continues with reduced function. The **MODIFY** command service is not available.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01156A DFS kernel detects an exception and is ending DFS.

Severity: svc_c_sev_error

Explanation: The Distributed File Service kernel detects an exception. DFS is not able to continue operations.

System Action: The program ends.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01157A DFS kernel cannot retrieve DFS software clock. Condition code: *condition_code***.**

Severity: svc_c_sev_error

Explanation: The Distributed File Service kernel received a **CLOCK** command on the **MODIFY** command queue. The associated operation cannot obtain a copy of the DFS software clock.

System Action: The request fails.

Operator Response: Ensure that the Distributed File Service kernel initialization is complete. If the problem persists, collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01158A DFS kernel cannot set DFS software clock. Condition code: *condition_code***.**

Severity: svc_c_sev_error

Explanation: The Distributed File Service kernel received a **CLOCK** command on the **MODIFY** command queue. The associated operation cannot set the DFS software clock.

System Action: The request fails.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01159A DFS software clock is not initialized.

Severity: svc_c_sev_error

Explanation: The Distributed File Service kernel received a **CLOCK** command on the **MODIFY** command queue. The associated operation fails because the DFS software clock is not initialized.

System Action: The request fails.

Operator Response: Ensure that the Distributed File Service kernel initialization is complete. If the problem persists, collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01160A DFS kernel initialization failure.

Severity: svc_c_sev_error

Explanation: The Distributed File Service kernel fails to initialize.

System Action: The program ends.

Operator Response: Do the following:
- Check for previous messages that indicate the reason for the failure.
- If the problem can be corrected, start the Distributed File Service kernel again.
- If the problem persists, collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01161A DFS kernel cannot allocate storage during IPC initialization.

Severity: svc_c_sev_error

Explanation: The operating system cannot allocate storage for the Distributed File Service kernel during inter-process communication (IPC) initialization. This error should not occur during normal processing.

System Action: The program ends abnormally.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Increase region size for the Distributed File Service kernel and try the operation again. If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01162A DFS kernel cannot retrieve system anchor. System return code: *return_code*.

Severity: svc_c_sev_error

Explanation: The Distributed File Service kernel cannot retrieve a primary level name or token pair. The value *return_code* is returned from the **ieantrt()** callable service. This error should not occur during normal processing.

System Action: The program ends abnormally.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about the system return code is found in the *z/OS: MVS Programming: Authorized Assembler Services Reference ALE-DYN*, SA22-7609.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01163A DFS Kernel cannot obtain time zone and daylight saving time information for DFS software clock.

Severity: svc_c_sev_fatal

Explanation: The Distributed File Service kernel cannot retrieve time zone and daylight saving time information while setting up the DFS clock software clock. This error should not occur during normal processing.

System Action: The program ends abnormally.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01164A DFS kernel cannot retrieve system anchor. System return code: *return_code*.

Severity: svc_c_sev_fatal

Explanation: The Distributed File Service kernel cannot retrieve a system level name/token pair. The value *return_code* is returned from the **ieantrt()** callable service. This error should not occur during normal processing.

System Action: The program ends abnormally.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about the system return code is found in the *z/OS: MVS Programming: Authorized Assembler Services Reference ALE-DYN*, SA22-7609.

Additional information about dumps is found in the

z/OS: Language Environment Debugging Guide, GA22-7560.

IOEP01165A DFS kernel cannot delete system anchor. System return code: *return_code*.

Severity: svc_c_sev_fatal

Explanation: The Distributed File Service kernel cannot delete a system level name/token pair. The value *return_code* is returned from the **ieantdl()** callable service. This error should not occur during normal processing.

System Action: The program ends abnormally.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about the system return code is found in the *z/OS: MVS Programming: Authorized Assembler Services Reference ALE-DYN*, SA22-7609.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01166A DFS kernel cannot create system anchor. System return code: *return_code*.

Severity: svc_c_sev_fatal

Explanation: The Distributed File Service kernel cannot create a system level name/token pair. The value *return_code* is returned from the **ieantcr()** callable service. This error should not occur during normal processing.

System Action: The program ends abnormally.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about the system return code is found in the *z/OS: MVS Programming: Authorized Assembler Services Reference ALE-DYN*, SA22-7609.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01167A DFS Kernel cannot allocate storage. System return code: *return_code*.

Severity: svc_c_sev_fatal

Explanation: The operating system cannot allocate storage for the Distributed File Service kernel. The value *return_code* is returned form the **STORAGE** macro. This error should not occur during normal processing.

System Action: The program ends abnormally.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Increase region size for the Distributed File Service kernel and try the operation again. If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01168A DFS Kernel cannot release storage. System return code: *return_code*.

Severity: svc_c_sev_fatal

Explanation: The operating system cannot release storage for the Distributed File Service kernel. The value *return_code* is returned form the **STORAGE** macro. This error should not occur during normal processing.

System Action: The program ends abnormally.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about the system return code is found in the *z/OS: MVS Programming: Authorized Assembler Services Reference ALE-DYN*, SA22-7609.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01169A DFS Kernel cannot establish recovery routine. System return code: *return_code*.

Severity: svc_c_sev_fatal

Explanation: The Distributed File Service kernel cannot establish a recovery routine. The value *return_code* is returned from the **ESATEX** macro. This error should not occur during normal processing.

System Action: The program ends abnormally.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about the system return code is found in the *z/OS: MVS Programming: Authorized Assembler Services Reference ALE-DYN*, SA22-7609.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01170A DFS Kernel vector initialization cannot initialize component *component***.**

Severity: svc_c_sev_fatal

Explanation: The Distributed File Service kernel cannot initialize the component *component* during vector initialization. This error should not occur during normal processing.

System Action: The program ends abnormally.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01171A DFS kernel cannot determine user authorization.

Severity: svc_c_sev_error

Explanation: The user issued a command that requires an authorization checking. The authorization check encounters a warning condition. In most cases, the reasons for the failure are:

- The DFS start request resource is not defined in your Security product.
- The Security product is not active.
- The FACILITY class is not defined in your Security product.
- The FACILITY class is not active.

System Action: The program continues.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Do the following:

- Ensure that your Security product is installed and active.

- Ensure that the FACILITY class is defined in your Security product and active.

If the problem continues, contact the service representative.

IOEP01172A DFS kernel cannot access file containing ethernet address.

Severity: svc_c_sev_fatal

Explanation: The Distributed File Service kernel cannot read the file **/opt/dcelocal/etc/ether_addr**. This error should not occur during normal processing. In most cases, the reasons for the failure are:

- The file does not exist.
- The Distributed File Service kernel does not have the required permission to read the file.

System Action: The program ends abnormally.

Administrator Response: Do one of the following, then try the request again:

- Ensure that the file **/opt/dcelocal/etc/ether_addr** exists. If the file does not exist, create the file.
- Ensure that the Distributed File Service kernel has read permission to the file.

If the problem continues, contact the service representative.

IOEP01173A DFS kernel detects that ethernet address contains characters that are not valid.

Severity: svc_c_sev_fatal

Explanation: The Distributed File Service kernel cannot process the ethernet address because the ethernet address contains characters that are not valid.

System Action: The program continues.

Administrator Response: Ensure that the contents of the file **/opt/dcelocal/etc/ether_addr** are syntactically correct and try the request again. If the problem continues, contact the service representative.

IOEP01174A DFS kernel is not APF authorized.

Severity: svc_c_sev_fatal

Explanation: The Distributed File Service kernel cannot call a service which requires authorized program facility (APF) authorization. The request fails because the Distributed File Service kernel is not APF authorized. This error should not occur during normal processing.

System Action: The program ends abnormally.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: APF authorize the

Distributed File Service kernel program and try the request again. If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01175A CDS clerk cannot start because CDS advertiser has status DOWN.

Severity: svc_c_sev_error

Explanation: The Distributed File Service kernel detects that the CDS clerk has ended. As a result, the kernel attempts to stop the CDS advertiser and start it again before starting the clerk. However, the advertiser already had status DOWN, and the kernel does not attempt to automatically start the advertiser unless it has ended the advertiser first. If the advertiser is not started, the Distributed File Service kernel cannot start the clerk.

System Action: The program continues.

Operator Response: Check the console log for any messages, probes, or dumps that occur prior to this message, and notify the system programmer.

System Programmer Response: Use the diagnostic data collected by the operator to determine the probable cause of the failure. If the problem can be corrected, start the CDS advertiser, and start the CDS clerk. If the problem continues, contact the service representative.

IOEP01176I START ALL command has completed.

Severity: svc_c_sev_notice

Explanation: The Distributed File Service kernel has completed processing of the **START ALL** command issued by the operator.

System Action: The program continues.

IOEP01500I DFS software clock reset.

Severity: svc_c_sev_notice

Explanation: The DFS software clock is reset. The software clock time is now the same as the hardware clock time on the system.

System Action: The request is successful.

IOEP01501I DFS software clock is removed from system.

Severity: svc_c_sev_notice

Explanation: The DFS software clock is removed from the system.

System Action: The request is successful.

IOEP01502I DFS software clock destroyed.

Severity: svc_c_sev_notice

Explanation: The DFS software clock is destroyed.

System Action: The request is successful.

IOEP01503A Value *dst_value* is not valid for keyword SETDST.

Severity: svc_c_sev_error

Explanation: The **clock** verb of the **MODIFY** command contains a value *dst_value* which is not valid for the keyword SETDST. The Additional information about the **MODIFY** command and associated options is found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915.

System Action: The request fails.

Operator Response: Ensure that the specified value *dst_value* is syntactically correct for the keyword SETDST then try the request again.

IOEP01504I DFS software clock DST flag is set.

Severity: svc_c_sev_notice

Explanation: The DFS software clock daylight saving time (DST) flag is set.

System Action: The request is successful.

IOEP01505A Value is required for keyword SETDST.

Severity: svc_c_sev_error

Explanation: The **clock** verb of the **MODIFY** command requires a value for the keyword SETDST. Additional information about the **MODIFY** command and associated options is found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915.

System Action: The request fails.

Operator Response: Ensure that a value for the SETDST keyword is specified then try the request again.

IOEP01506A Keyword *keyword* is not valid for clock verb of MODIFY command.

Severity: svc_c_sev_error

Explanation: The **clock** verb of the **MODIFY** command contains a keyword *keyword* which is not valid. Additional information about the **MODIFY** command and associated options is found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915.

System Action: The request fails.

Operator Response: Ensure that the specified keyword *keyword* is syntactically correct then try the request again.

IOEP01507A One parameter is required for clock verb of MODIFY command.

Severity: svc_c_sev_error

Explanation: The **clock** verb of the **MODIFY** requires one input parameter. Additional information about the **MODIFY** command and associated options is found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915.

System Action: The request fails.

Operator Response: Ensure that one parameter is specified for the **clock** verb, then try the request again.

IOEP01508A Relative time value required for keyword SETREL.

Severity: svc_c_sev_error

Explanation: The **clock** verb of the **MODIFY** command requires a value for the keyword SETREL. Additional information about the **MODIFY** command and associated options is found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915.

System Action: The request fails.

Operator Response: Ensure that a value for the SETREL keyword is specified then try the request again.

IOEP01509A Absolute time value required for keyword SET.

Severity: svc_c_sev_error

Explanation: The **clock** verb of the **MODIFY** command requires a value for the keyword SET. Additional information about the **MODIFY** command and associated options is found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915.

System Action: The request fails.

Operator Response: Ensure that a value for the SET keyword is specified then try the request again.

IOEP01510A Value *rel_time* is not valid for keyword SETREL.

Severity: svc_c_sev_error

Explanation: The **clock** verb of the **MODIFY** command contains a value *rel_time* which is not valid for the keyword SETREL. Additional information about the **MODIFY** command and associated options is found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915.

System Action: The request fails.

Operator Response: Ensure that the specified value *rel_time* is syntactically correct for the keyword SETREL then try the request again.

IOEP01511A Value *abs_time* is not valid for keyword SET.

Severity: svc_c_sev_error

Explanation: The **clock** verb of the **MODIFY** command contains a value *abs_time* which is not valid for the keyword SET. Additional information about the **MODIFY** command and associated options is found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915.

System Action: The request fails.

Operator Response: Ensure that the specified value *abs_time* is syntactically correct for the keyword SET then try the request again.

IOEP01512A DFS kernel cannot retrieve current time to perform SETREL.

Severity: svc_c_sev_fatal

Explanation: The Distributed File Service kernel is not able to retrieve the current time with which to calculate an absolute time value with the given relative time. This error should not occur during normal processing.

System Action: The request fails.

Operator Response: Check the console log for any messages, probes, or dumps that occur prior to this message, and notify the system programmer.

System Programmer Response: Use the diagnostic data collected by the operator to determine the probable cause of the failure. If the problem continues, contact the service representative.

IOEP01513A DFS kernel cannot set relative time to complete SETREL request.

Severity: svc_c_sev_fatal

Explanation: The Distributed File Service kernel is not able to set the relative time specified by the SETREL keyword. This error should not occur during normal processing.

System Action: The request fails.

Operator Response: Check the console log for any messages, probes, or dumps that occur prior to this message, and notify the system programmer.

System Programmer Response: Use the diagnostic data collected by the operator to determine the probable cause of the failure. If the problem continues, contact the service representative.

IOEP01514A DFS kernel cannot set absolute time to complete SET request.

Severity: svc_c_sev_fatal

Explanation: The Distributed File Service kernel is not

able to set the absolute time specified by the SET keyword. This error should not occur during normal processing.

System Action: The request fails.

Operator Response: Check the console log for any messages, probes, or dumps that occur prior to this message, and notify the system programmer.

System Programmer Response: Use the diagnostic data collected by the operator to determine the probable cause of the failure. If the problem continues, contact the service representative.

IOEP01515I   DFS software clock is modified.

Severity: svc_c_sev_notice

Explanation: The DFS software clock is set. The software clock time is now modified by the relative value specified with the SETREL keyword.

System Action: The request is successful.

IOEP01516I   DFS software clock is set.

Severity: svc_c_sev_notice

Explanation: The DFS software clock is set. The software clock time is now the value specified with the SET keyword.

System Action: The request is successful.

IOEP01517I   DFS kernel receives a *request_name* **request from TSO user** *user_ID*.

Severity: svc_c_sev_notice

Explanation: The Distributed File Service kernel received the specified request from the TSO user indicated.

System Action: The Distributed File Service kernel processes the request and continues.

IOEP01518A DFS kernel encounters error during stop request. *error_text*.

Severity: svc_c_sev_error

Explanation: The Distributed File Service kernel cannot perform the stop request synchronously. Additional information about the error is provided by the DFS library *error_text*, which is returned from the **pthread_get_expiration_np()** function. If the request is to stop all processes, they are stopped asynchronously. This error should not occur during normal processing.

System Action: The program continues with reduced function.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to

help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01519A DFS kernel encounters error during stop request. *error_text*.

Severity: svc_c_sev_error

Explanation: The Distributed File Service kernel cannot perform the stop request synchronously. Additional information about the error is provided by the C library *error_text*, which is returned from the **pthread_cond_timedwait()** function. If the request is to stop all processes, they are stopped asynchronously. This error should not occur during normal processing.

System Action: The program continues with reduced function.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01520A DFS kernel encounters error during stop request. *error_text*.

Severity: svc_c_sev_error

Explanation: The Distributed File Service kernel encounters an error while stopping. Additional information about the error is provided by the C library *error_text*, which is returned from the **pthread_kill()** function. The STOP Distributed File Service kernel processing continues. This error should not occur during normal processing.

System Action: The program continues with reduced function.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01521A DFS kernel cannot open the clock offset file. *error_text*.

Severity: svc_c_sev_fatal

Explanation: The Distributed File Service kernel encounters an error attempting to open the clock offset file, `/opt/dcelocal/var/swc_offset`. Additional information about the error is provided by the C library *error_text*, which is returned from the **fopen()** function. This error should not occur during normal processing.

System Action: The program ends abnormally.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01522A DFS kernel encounters a premature end-of-file in the clock offset file.

Severity: svc_c_sev_fatal

Explanation: The Distributed File Service kernel encounters a premature end-of-file marker while reading the clock offset file, `/opt/dcelocal/var/swc_offset`. This error should not occur during normal processing.

System Action: The program ends abnormally.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Delete the clock offset file and restart the DFS kernel.

If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01523A DFS kernel cannot validate the contents of the clock offset file.

Severity: svc_c_sev_fatal

Explanation: The Distributed File Service kernel encounters an error while parsing the contents of the clock offset file, `/opt/dcelocal/var/swc_offset`. This error should not occur during normal processing.

System Action: The program ends abnormally.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Delete the clock offset file and restart the DFS kernel.

If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01524A DFS kernel cannot close the clock offset file. *error_text*.

Severity: svc_c_sev_fatal

Explanation: The Distributed File Service kernel encounters an error attempting to close the clock offset file, `/opt/dcelocal/var/swc_offset`. Additional information about the error is provided by the C library *error_text*, which is returned from the **fclose()** function. This error should not occur during normal processing.

System Action: The program ends abnormally.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560 .

IOEP01525A DFS kernel cannot update the clock offset file. *error_text*.

Severity: svc_c_sev_fatal

Explanation: The Distributed File Service kernel encounters an error attempting to update the clock offset file, `/opt/dcelocal/var/swc_offset`. Additional information about the error is provided by the C library *error_text*, which is returned from the **fprintf()** function. This error should not occur during normal processing.

System Action: The program ends abnormally.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01526A DFS kernel cannot delete the clock offset file. *error_text*.

Severity: svc_c_sev_fatal

Explanation: The Distributed File Service kernel encounters an error attempting to delete the clock offset file, `/opt/dcelocal/var/swc_offset`. Additional information about the error is provided by the C library

error_text, which is returned from the **remove()** function. This error should not occur during normal processing.

System Action: The program ends abnormally.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: If the problem continues, save the dump and contact the service representative.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01527I DFS software clock is modified.

Severity: svc_c_sev_notice

Explanation: The DFS software clock is set. The software clock time is now modified by the relative value specified with the SETREL keyword, but the DFS kernel encounters an error attempting to update the clock offset file. The new setting will not be propagated across the next system IPL.

System Action: The program continues.

IOEP01528I DFS software clock is set.

Severity: svc_c_sev_notice

Explanation: The DFS software clock is set. The software clock time is now the value specified with the SETREL keyword, but the DFS kernel encounters an error attempting to update the clock offset file. The new setting will not be propagated across the next system IPL.

System Action: The program continues.

IOEP01700A Cannot retrieve a system level token, *token_name*. **System return code:** *return_code*.

Severity: svc_c_sev_error

Explanation: The DFS control task or a daemon control task cannot retrieve a system level named token. The value *return_code* is returned from the **ieantrt()** callable service. The name of the token being retrieved is also displayed. This error should not occur during normal processing.

System Action: The DFS control task continues. The daemon may not start successfully.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about the system return code is

found in the *z/OS: MVS Programming: Authorized Assembler Services Reference ALE-DYN*, SA22-7609.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01701A Cannot start the MVS pause service. System return code: *return_code*, **system reason code** *reason_code*.

Severity: svc_c_sev_error

Explanation: The DFS control task cannot wait for the event control blocks used by the DFS when starting a daemon in a separate address space. The values *return_code* and *reason_code* are returned from the **BPX1MP()** callable service. This error should not occur during normal processing.

System Action: The DFS control task continues, but cannot start any daemon in a separate address space.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about the callable service and the system return code is found in the *z/OS: UNIX System Services Programming: Assembler Callable Services Reference*, SA22-7803.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01702A Cannot initialize MVS pause service. System return code: *return_code*, **system reason code:** *reason_code*.

Severity: svc_c_sev_error

Explanation: The DFS control task cannot identify the event control blocks used by DFS when starting a daemon in a separate address space. The values *return_code* and *reason_code* are returned from the **BPX1MPI()** callable service. This error should not occur during normal processing.

System Action: The DFS control task continues, but cannot start any daemon in a separate address space.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about the callable service and the system return code is found in the *z/OS: UNIX System*

Services Programming: Assembler Callable Services Reference, SA22-7803.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01703A Daemon *daemon_name* **cannot be started in a separate address space.**

Severity: svc_c_sev_error

Explanation: The daemon specified in the message is on the list of daemons to be started by DFS in a separate address space. However, a previous problem with event control block initialization prevents DFS from doing this.

System Action: The DFS control task continues, but the daemon is not started. Additional daemons that start after this daemon will not be started.

Operator Response: Check the console log for any messages, probes, or dumps that occur prior to this message, and notify the system programmer.

System Programmer Response: Use the diagnostic data collected by the operator to determine the probable cause of the failure. If the problem continues, contact the service representative. To force all daemons to start within the DFS address space, specify an empty list for the value of the **_IOE_DAEMONS_IN_AS** environment variable in the **/opt/dfslocal/home/dfscntl/envar** file.

IOEP01704A Start parameters for daemon *daemon_name* **are too long.**

Severity: svc_c_sev_error

Explanation: The DFS kernel cannot start the daemon specified in the message in a separate address space because the start options specified on the **modify dcekern,start** command are too long. The maximum start options length for a daemon that runs in its own address space is 95.

System Action: The DFS control task continues, but the daemon is not started. Additional daemons that start after this daemon will not be started.

Operator Response: Either shorten the length of the start options on the **modify dcekern,start** command or contact the system programmer to start the daemon in the DFS address space.

System Programmer Response: To force this daemon to start within the DFS address space, specify a list that does not include the name of this daemon for the value of the **_IOE_DAEMONS_IN_AS** environment variable in the **/opt/dfslocal/home/dfscntl/envar** file. Then try the request again.

IOEP01705A Cannot create a system level token, *token_name*. **System return code:** *return_code*.

Severity: svc_c_sev_error

Explanation: The DFS control task or a daemon control task cannot create a system level named token. The value *return_code* is returned from the **ieantcr()** callable service. The name of the token being created is also displayed. This error should not occur during normal processing.

System Action: If the token is for the DFS control task, processing continues without the token. If the token is for a daemon control task, the daemon does not start and additional daemons that start after this daemon will not be started.

Operator Response: Collect the dump and probe information and notify the system programmer.

System Programmer Response: Use the dump to help determine the probable cause of the failure. If the problem continues, save the dump and contact the service representative.

Additional information about the system return code is found in the *z/OS: MVS Programming: Authorized Assembler Services Reference ALE-DYN*, SA22-7609.

Additional information about dumps is found in the *z/OS: Language Environment Debugging Guide*, GA22-7560.

IOEP01706A DFS kernel cannot start because it is already running.

Severity: svc_c_sev_error

Explanation: There can only be one active DFS control task. A second DFS control task cannot be started if one is already running.

System Action: The program ends abnormally.

Operator Response: Use the **stop** command to stop the active DFS control task. Then try the request again.

IOEP01707A Daemon *daemon_name* **cannot start because it is already running.**

Severity: svc_c_sev_error

Explanation: There can be only one active instance of a daemon. A second daemon of the same type cannot be started if one is already running. This problem can occur if the daemon is started without using the **modify dfs,start** command.

System Action: The daemon is not started.

Operator Response: Use the **stop** command to stop the active daemon. Then try the request again. Always start daemons using the **modify dfs,start** command.

IOEP01708A Incorrect arguments used to start daemon *daemon_name* **in its own address space.**

Severity: svc_c_sev_error

Explanation: The attempt to start the specified daemon in a separate address space failed because incorrect arguments were passed to the start procedure. This can occur if the procedure to start the daemon was invoked directly or if the procedure was modified incorrectly.

System Action: The daemon is not started.

Operator Response: Start all daemons, including those in separate address spaces, through the DFS kernel, using the **modify dfs,start** command.

System Programmer Response: If the problem occurs while using the **modify** command to start the daemon, turn debugging on for the daemon and start the daemon again. Use the debug output to determine the cause of the failure. If the problem continues, contact the service representative.

IOEP01709A The userid for this job does not have root authority,uid(0).

Severity: svc_c_sev_error

Explanation: Must have a uid of 0.

System Action: This job terminates.

Operator Response: Authorize the user ID for this job to root(uid(0)).

IOEP01710A Cannot update status. Reason code: *reason_code***.**

Severity: svc_c_sev_fatal

Explanation: The DFS daemon cannot inform the DFS kernel of a status change. In most cases, the reasons for the failure are:

• There is a local socket error in the z/OS UNIX System Services kernel.

• There is a memory shortage in the DFS kernel.

• There is an internal error in the DFS kernel.

System Action: The program continues.

Operator Response: Collect the error information and notify the system programmer.

System Programmer Response: Verify that the value of the envar DCE_START_SOCKET_NAME in each process envar file is the same. If the problem continues, contact the service representative.

IOEP12300I Usage: *ProgramName*

Severity: svc_c_sev_warning

Explanation: This message displays the command syntax when the **-help** parameter is entered.

System Action: The program ends.

User Response: None.

IOEP12301I Usage: *ProgramNameSubCommand*

Severity: svc_c_sev_warning

Explanation: This message displays the command syntax when the **-help** parameter is entered.

System Action: The program ends.

User Response: None.

IOEP12303I Aliases:

Severity: svc_c_sev_warning

Explanation: The request produces a list of all the aliases for a command.

System Action: The program ends.

User Response: None.

IOEP12304I Unable to find command as entered.

Severity: svc_c_sev_warning

Explanation: The **-apropos** parameter for this sub-command was entered without a description.

System Action: The program ends.

User Response: Ensure that the subcommand is entered correctly, then try the request again.

IOEP12305I *ProgramName* **Commands are:**

Severity: svc_c_sev_warning

Explanation: When the **help** subcommand or **-help** parameter is the only argument supplied for a command, a list of the valid subcommands is returned.

System Action: The program ends.

User Response: None.

IOEP12306I *ProgramName* **Unknown topic** '*SubCommand*'**.**

Severity: svc_c_sev_warning

Explanation: The **-help** parameter is not a valid subcommand for this command.

System Action: The program ends.

User Response: Enter the command again specifying a valid subcommand name.

IOEP12307I *ProgramName* **Ambiguous topic '***SubCommand***'; use 'apropos' to list.**

Severity: svc_c_sev_warning

Explanation: The **-help** parameter is ambiguous for *SubCommand* because more than one subcommand or topic can match the string. Use **apropos** to list them.

System Action: The program ends.

User Response: Enter the command again using an appropriate topic that is not abbreviated.

IOEP12308I *ProgramName***: Unable to create new argv array with *Size***+2 slots.**

Severity: svc_c_sev_warning

Explanation: The program cannot obtain enough storage to continue parsing the command.

System Action: The program ends.

User Response: Run the program again specifying a larger virtual storage size.

IOEP12309I *ProgramName***: Insufficient storage to malloc initial opcode space.**

Severity: svc_c_sev_warning

Explanation: The program cannot obtain enough storage to continue parsing the command.

System Action: The program ends.

User Response: Run the program again specifying a larger virtual storage size.

IOEP12310I *ProgramName***: Type '***ProgramName* **-help' for help.**

Severity: svc_c_sev_warning

Explanation: The *ProgramName* command was entered without an argument; at least one is required.

System Action: The program ends.

User Response: Enter the command again with one or more arguments.

IOEP12311I *ProgramName***: Type '***ProgramName* **help' or '***ProgramName* **help <topic>' for help.**

Severity: svc_c_sev_warning

Explanation: The *ProgramName* command was entered without the required subcommand.

System Action: The program ends.

User Response: Enter the command again specifying an appropriate subcommand.

IOEP12312I *UnkownAmbig* **operation '***SubCommand***'; type '***ProgramName* **help' for list.**

Severity: svc_c_sev_warning

Explanation: The subcommand *SubCommand* is either ambiguous or not valid. Commands cannot be abbreviated because multiple subcommands might match the abbreviation. Type *ProgramName* help for a list of valid subcommands.

System Action: The program ends.

User Response: Enter the *ProgramName* command again specifying a valid, unabbreviated subcommand.

IOEP12313I *ProgramName* **Unable to insert implicit initialization opcode into command line.**

Severity: svc_c_sev_warning

Explanation: There is not enough storage to parse the command line.

System Action: The program ends.

User Response: Enter the *ProgramName* command again specifying a larger virtual storage size.

IOEP12314I *UnkownAmbig* **operation '***SubCommand***'; type '***ProgramName* **help' for list.**

Severity: svc_c_sev_warning

Explanation: The subcommand *SubCommand* is either ambiguous or not valid. Commands cannot be abbreviated because multiple subcommands might match the abbreviation. Type *ProgramName* help for a list of valid subcommands.

System Action: The program ends.

User Response: Enter the *ProgramName* command again specifying a valid, unabbreviated subcommand.

IOEP12315I *ProgramNameUnknownAmbig* **parameter '***Parameter***'; type.**

Severity: svc_c_sev_warning

Explanation: The parameter *Parameter* is either ambiguous or not valid. Parameters cannot be abbreviated because multiple parameters might match the abbreviation.

System Action: The program ends.

User Response: Enter the command again with a valid, unabbreviated parameter.

IOEP12318I *ProgramName* **Internal parsing error.**

Severity: svc_c_sev_warning

Explanation: An internal error was encountered while parsing the command line.

System Action: The program ends.

User Response: Contact the service representative.

IOEP12319I *ProgramName* **Too many arguments.**

Severity: svc_c_sev_warning

Explanation: Too many arguments were entered for the *ProgramName* command.

System Action: The program ends.

User Response: Enter the command again specifying fewer arguments.

IOEP12320I *ProgramName* **Too many values after parameter** *Parameter*

Severity: svc_c_sev_warning

Explanation: Too many values were entered for parameter *Parameter*. *Parameter* is a single-valued parameter and more than one value was provided on the command line.

System Action: The program ends.

User Response: Enter the command with only one value for the *Parameter* parameter.

IOEP12321I *ProgramName* **Missing required parameter** '*Parameter*'**.**

Severity: svc_c_sev_warning

Explanation: A required parameter for this command was not entered.

System Action: The program ends.

User Response: Enter the command specifying a value for the required parameter.

IOEP12322I *ProgramNameAmbigUnk* **switch** '*Switch*'**; type**

Severity: svc_c_sev_warning

Explanation: The switch name entered was either ambiguous, abbreviated, or an incorrect switch.

System Action: The program ends.

User Response: Enter the command with a valid, unabbreviated switch name.

IOEP12323I **The parameters** "*Parameter1*" **and** "*Parameter2*" **cannot be used together.**

Severity: svc_c_sev_warning

Explanation: The parameters *Parameter1* and *Parameter2* are mutually exclusive, both cannot be specified on same command line.

System Action: The program ends.

User Response: Enter the command with either *Parameter1* or *Parameter2* but not both.

IOEP12400I **The parameter,** *Parameter1*, **requires** *String* **non-null argument value.**

Severity: svc_c_sev_warning

Explanation: The parameter *Parameter1* requires one or more values but none were specified.

System Action: The program ends.

User Response: Enter the command specifying a value for *Parameter1*.

IOEP12401I **The argument,** *Argument*, **does not represent a valid value for the parameter** *Parameter*.

Severity: svc_c_sev_warning

Explanation: The value specified for *Parameter* was not valid.

System Action: The program ends.

User Response: Enter the command with a valid value for *Parameter*.

Chapter 13. IOESnnnnnt Messages - scout Command and Token Manager

This chapter contains the messages that may result from the token manager processing and issuing the **scout** command.

IOES00401I   Current token expiration interval is *currentInterval*.

Severity: svc_c_sev_notice_verbose

Explanation: This is the current token expiration interval.

System Action: The program continues.

Administrator Response: None.

IOES00402I   Token expiration interval set from *currentInterval* **to** *newInterval*.

Severity: svc_c_sev_notice_verbose

Explanation: The token expiration interval was successfully changed and the previous value and new value are displayed.

System Action: The program continues.

Administrator Response: None.

IOES00403I   Current token quota is *currentQuota*.

Severity: svc_c_sev_notice_verbose

Explanation: This message shows the current token quota.

System Action: The program continues.

Administrator Response: None.

IOES00404I   Token quota set from *currentQuota* **to** *newQuota*.

Severity: svc_c_sev_notice_verbose

Explanation: The token quota was successfully changed and the previous value and new value are displayed.

System Action: The program continues.

Administrator Response: None.

IOES00405I   Minimum number of free tokens is *currentQuota*.

Severity: svc_c_sev_notice_verbose

Explanation: This is the current value for the minimum number of free tokens.

System Action: The program continues.

Administrator Response: None.

IOES00406I   Minimum number of free tokens set from *currentQuota* **to** *newQuota*.

Severity: svc_c_sev_notice_verbose

Explanation: The minimum number of free tokens value was sucessfully changed and the previous and new values are displayed.

System Action: The program continues.

Administrator Response: None.

IOES00407I   File structures quota is *currentQuota*.

Severity: svc_c_sev_notice_verbose

Explanation: This is the current value for the file structures quota.

System Action: The program continues.

Administrator Response: None.

IOES00408I   File structures quota set from *currentQuota* **to** *newQuota*.

Severity: svc_c_sev_notice_verbose

Explanation: The file structures quota value was successfully changed and the previous value and new value are displayed.

System Action: The program continues.

Administrator Response: None.

IOES00409I   Fileset structures quota is *currentQuota*.

Severity: svc_c_sev_notice_verbose

Explanation: This is the current value for the fileset structures quota.

System Action: The program continues.

Administrator Response: None.

IOES00410I   Fileset structures quota set from *currentQuota* **to** *newQuota*.

Severity: svc_c_sev_notice_verbose

Explanation: The fileset structures quota value was

---

successfully changed and the previous value and new value are displayed.

System Action: The program continues.

Administrator Response: None.

IOES00411E *programName*: **unable to convert** *rtnVal* **to a dce error string.**

Severity: svc_c_sev_error

Explanation: An error was encountered during an attempt to parse the command but the associated error string failed to display.

System Action: The program continues.

Administrator Response: Use the **dce_err** command to display the error string associated with the error code.

IOES00412E TKM: out of file structures.

Severity: svc_c_sev_error

Explanation: Token manager ran out of file structures while attempting to add a file.

System Action: The program continues.

Administrator Response: Increase the file structure quota and try adding the file again.

IOES00413E TKM: out of fileset structures.

Severity: svc_c_sev_error

Explanation: Token manager ran out of fileset structures while attempting to add a volume.

System Action: The program continues.

Administrator Response: Increase the fileset structure quota and try adding the volume again.

IOES00414E TKM: volreg_Lookup() failed for fileset *newVol->id.high*,,*newVol->id.low*.

Severity: svc_c_sev_error

Explanation: A **volreg_Lookup** failed during an attempt to add a volume.

System Action: The program continues.

Administrator Response: Ensure that the volume ID is correct and try the request again.

IOES00415E recyclevcache refcount

Severity: svc_c_sev_error

Explanation: TKC failed while attempting to delete the vnode cache entry.

System Action: The program continues.

Administrator Response: Contact your service representative.

IOES00416E tkc datahold

Severity: svc_c_sev_error

Explanation: TKC failed while trying to release a vcache entry and a data hold.

System Action: The program continues.

Administrator Response: Contact your service representative.

IOES00417E tkc refcount

Severity: svc_c_sev_error

Explanation: TKC failed while trying to quickly release a vcache entry obtained using **tkc_Get**.

System Action: The program continues.

Administrator Response: Contact your service representative.

IOES00418E RDA tkc logic error.

Severity: svc_c_sev_error

Explanation: TKC failed while trying to handle a vnode deletion.

System Action: The program continues.

Administrator Response: Contact your service representative.

IOES00419E tkc twice cooked token

Severity: svc_c_sev_error

Explanation: TKC failed while trying to grant an incoming token.

System Action: The program continues.

Administrator Response: Contact your service representative.

IOES00420E TKM_RETTOKEN failed!! = *code*.

Severity: svc_c_sev_error

Explanation: TKC encountered an error while taking and returning a specified type of token using **tkc_DelToken**

System Action: The program continues.

Administrator Response: If the problem continues, contact your service representative.

IOES00421E zlc: Unable to reclaim vnodes down to
** *zlc_vnodeQuota*, only got to**
** *vnodesHeldcode***

Severity: svc_c_sev_error

Explanation: **zlc** encountered an error while trying to reclaim vnodes

System Action: The program continues.

Administrator Response: Contact your service representative.

IOES14000A (*SourceFile*:*SubRoutine*) Unable to
** allocate *Amount* bytes for scout**
** window private space in base window.**

Severity: svc_c_sev_error

Explanation: Because the scout program does not have enough storage to run, the scout window cannot be initialized.

System Action: The program ends.

User Response: Try running the scout program again using a larger virtual storage size.

IOES14001A (*SourceFile*:*SubRoutine*) Cannot malloc()
** *Amount* bytes for new gwin structure:**
** Errno is *Errno*.**

Severity: svc_c_sev_error

Explanation: Because the scout program does not have enough storage to run, the scout window cannot be initialized.

System Action: The program ends.

User Response: Try running the scout program again using a larger virtual storage size.

IOES14050A (*SourceFile*:*SubRoutine*) Unable to
** allocate *Amount* bytes for light object**
** private data region, errno is *Errno***

Severity: svc_c_sev_error

Explanation: Because the scout program does not have enough storage to run, the scout window cannot be initialized.

System Action: The program ends.

User Response: Try running the scout program again using a larger virtual storage size.

IOES14051A (*SourceFile*:*SubRoutine*) Unable to
** allocate *Amount* bytes for light object**
** label in private data region, errno is**
** *Errno*.**

Severity: svc_c_sev_error

Explanation: Because the scout program does not

have enough storage to run, the scout window cannot be initialized.

System Action: The program ends.

User Response: Try running the scout program again using a larger virtual storage size.

IOES14100A (*SourceFile*:*SubRoutine*) Unable to
** initialize object dictionary: error code**
** is *ErrCode*.**

Severity: svc_c_sev_error

Explanation: Error code *ErrCode* was received while attempting to intialize the object dictionary in the scout window.

System Action: The program ends.

User Response: If this message was preceded by an out of storage message, try running the scout program again specifying a larger virtual storage size. If not, and the problem continues, contact the service representative.

IOES14101A (*SourceFile*:*SubRoutine*) Cannot
** initialize gator windows for package**
** *PackageId*; error is: *ErrorCode*.**

Severity: svc_c_sev_error

Explanation: Error code *ErrorCode* was received while attempting to intialize the gator windows.

System Action: The program ends.

User Response: If this message was preceded by an out of storage message, try running the scout program again specifying a larger virtual storage size. If not, and the problem continues, contact the service representative.

IOES14102A (*SourceFile*:*SubRoutine*) Cannot allocate
** *Amount* bytes for new onode structure;**
** errno is *Errno*.**

Severity: svc_c_sev_error

Explanation: Because the scout program does not have enough storage to run, the scout window cannot be initialized.

System Action: The program ends.

User Response: Try running the scout program again using a larger virtual storage size.

IOES14150A (*SubRoutine*) Unable to allocate *Amount*
** bytes for text buffer; errno is *Errno*.**

Severity: svc_c_sev_error

Explanation: Because the scout program does not have enough storage to run, the scout window cannot be initialized.

System Action: The program ends.

User Response: Try running the scout program again using a larger virtual storage size.

IOES14151A (*SubRoutine***) Unable to allocate** *Amount* **bytes for blank line buffer; errno is** *Errno***.**

Severity: svc_c_sev_error

Explanation: Because the scout program does not have enough storage to run, the scout window cannot be initialized.

System Action: The program ends.

User Response: Try running the scout program again using a larger virtual storage size.

IOES14152A (*SubRoutine***) Cannot allocate** *Amount* **bytes for the** *Size***-member text entry array; errno is** *Errno***.**

Severity: svc_c_sev_error

Explanation: Because the scout program does not have enough storage to run, the scout window cannot be initialized.

System Action: The program ends.

User Response: Try running the scout program again using a larger virtual storage size.

IOES14153A (*SubRoutine***) Cannot allocate** *Amount* **bytes for text circular buffer header; errno is** *Errno***.**

Severity: svc_c_sev_error

Explanation: Because the scout program does not have enough storage to run, the scout window cannot be initialized.

System Action: The program ends.

User Response: Try running the scout program again using a larger virtual storage size.

IOES14154A (*SubRoutine***): Null pointer passed in for circular buffer header. Ending write operation.**

Severity: svc_c_sev_error

Explanation: An internal error occurred while initializing the scout window.

System Action: The program ends.

User Response: Contact the service representative.

IOES14200A (*SourceFile***:***SubRoutine***) Cannot allocate** *Amount* **bytes for text object private data region, errno is** *Errno***.**

Severity: svc_c_sev_error

Explanation: Because the scout program does not have enough storage to run, the scout window cannot be initialized.

System Action: The program ends.

User Response: Try running the scout program again using a larger virtual storage size.

IOES14201A (*SourceFile***:***SubRoutine***) Cannot create text object circular buffer.**

Severity: svc_c_sev_error

Explanation: The program cannot initialize the scout window.

System Action: The program ends.

User Response: If this message was preceded by an out of storage message, try running the scout program again specifying a larger storage size. If the problem continues, contact the service representative.

IOES14202A (*SourceFile***:***SubRoutine***) Text object missing its circular buffer.**

Severity: svc_c_sev_error

Explanation: The program cannot initialize the scout window.

System Action: The program ends.

User Response: If this message was preceded by an out of storage message, try running the scout program again with a larger storage size. If the problem continues, contact the service representative.

IOES14203A (*SourceFile***:***SubRoutine***) Cannot write to text object circular buffer, error code is** *Errcode***.**

Severity: svc_c_sev_error

Explanation: Error code *Errcode* was encountered while initializing scout window.

System Action: The program ends.

User Response: If this message was preceded by an out of storage message, try running the scout program again with a larger storage size. If the problem continues, contact the service representative.

IOES14204A (*SourceFile***:***SubRoutine***) Cannot write**
**   *Amount* blank lines to text object at**
**   *Errno*.**

Severity: svc_c_sev_error

Explanation: An internal processing error was
encountered while initializing scout window.

System Action: The program ends.

User Response: If this message was preceded by an
out of storage message, try running the scout program
again with a larger storage size. If the problem
continues, contact the service representative.

IOES14250A (*SourceFile***:***SubRoutine***) Error in dumb**
**   terminal initialization routine,**
**   gator_dumbgwin_init():** *Errcode*.

Severity: svc_c_sev_error

Explanation: An internal processing error was
encountered while initializing scout window.

System Action: The program ends.

User Response: If this message was preceded by an
out of storage message, try running the scout program
again with a larger storage size. If the problem
continues, contact the service representative.

IOES14300A Wait ended with an error *Errcode*.

Severity: svc_c_sev_error

Explanation: An internal processing error was
encountered while displaying the scout window.

System Action: The program ends.

User Response: If this message was preceded by an
out of storage message, try running the scout program
again with a larger storage size. If the problem
continues, contact the service representative.

IOES14500I (*SubRoutine***) Closing debugging file.**

Severity: svc_c_sev_notice

Explanation: The scout program is terminating and
closing the debugging file.

System Action: The program ends.

User Response: None.

IOES14501A (*SourceFile***:***SubRoutine***) Cannot create**
**   disk** *Index* **light object.**

Severity: svc_c_sev_error

Explanation: The scout program encountered an error
while initializing the screen. This message may have
been preceded by other messages detailing the error.

System Action: The program ends.

User Response: If this message was preceded by a
message indicating an out of storage condition, run the
scout program again specifying a larger virtual storage
size. If the message was not preceded by out of storage
messages then try running the program again. If the
problem continues, contact the service representative.

IOES14502A (*SubRoutine***) Incorrect justification**
**   command:** *CmdCode*.

Severity: svc_c_sev_error

Explanation: An internal processing error was
encountered in the scout program.

System Action: The program ends.

User Response: Try running the program again. If
problem continues, contact the service representative.

IOES14503E (*SubRoutine***) Unable to display**
**   *DiskName* on server '*ServerName*'.**

Severity: svc_c_sev_warning

Explanation: The scout program cannot display
information on aggregate *DiskName* for file exporter
ServerName because the scout program is already
displaying information for 16 aggregates for file exporter
ServerName.

System Action: The program continues.

User Response: The scout program can only display
information on a maximum of 16 aggregates per file
exporter and those 16 aggregates are already being
used.

IOES14504A (*SourceFile***) Error in printing out disk**
**   statistics.**

Severity: svc_c_sev_error

Explanation: The scout program encountered an error
while formatting the screen contents. This message may
have been preceded by other messages detailing the
error.

System Action: The program ends.

User Response: If this message was preceded by a
message indicating an out of storage condition, run the
scout program again specifying a larger virtual storage
size. If the message was not preceded by out of storage
messages, then try running the program again. Contact
the service representative if the problem continues.

IOES14506A (*SourceFile***:***Sub-routine***) Cannot create**
**   currConns light object.**

Severity: svc_c_sev_error

Explanation: The scout program encountered an error
while initializing a line on the screen. This message may

have been preceded by other messages detailing the error.

System Action: The program ends.

User Response: If this message was preceded by a message indicating an out of storage condition, run the scout program again specifying a larger virtual storage size. If the message was not preceded by out of storage messages then try running the program again. Contact the service representative if the problem continues.

IOES14507A (*SourceFile***:***Sub-routine***) Cannot create fetches light object.**

Severity: svc_c_sev_error

Explanation: The scout program encountered an error while initializing a line on the screen. This message may have been preceded by other messages detailing the error.

System Action: The program ends.

User Response: If this message was preceded by a message indicating an out of storage condition, run the scout program again specifying a larger virtual storage size. If the message was not preceded by out of storage messages then try running the program again. Contact the service representative if the problem continues.

IOES14508A (*SourceFile***:***Sub-routine***) Cannot create stores light object.**

Severity: svc_c_sev_error

Explanation: The scout program encountered an error while initializing a line on the screen. This message may have been preceded by other messages detailing the error.

System Action: The program ends.

User Response: If this message was preceded by a message indicating an out of storage condition, run the scout program again specifying a larger virtual storage size. If the message was not preceded by out of storage messages then try running the program again. Contact the service representative if the problem continues.

IOES14509A (*SourceFile***:***Sub-routine***) Cannot create workstations light object.**

Severity: svc_c_sev_error

Explanation: The scout program encountered an error while initializing a line on the screen. This message may have been preceded by other messages detailing the error.

System Action: The program ends.

User Response: If this message was preceded by a message indicating an out of storage condition, run the scout program again specifying a larger virtual storage size. If the message was not preceded by out of storage

messages then try running the program again. Contact the service representative if the problem continues.

IOES14510A (*SourceFile***:***Sub-routine***) Cannot create server name light object.**

Severity: svc_c_sev_error

Explanation: The scout program encountered an error while initializing a line on the screen. This message may have been preceded by other messages detailing the error.

System Action: The program ends.

User Response: If this message was preceded by a message indicating an out of storage condition, run the scout program again specifying a larger virtual storage size. If the message was not preceded by out of storage messages then try running the program again. Contact the service representative if the problem continues.

IOES14511A (*SubRoutine***) Cannot center server name inside of light object.**

Severity: svc_c_sev_error

Explanation: An internal processing error was encountered in the Scout program.

System Action: The program ends.

User Response: Try running the program again. If the problem continues, contact the service representative.

IOES14512A (*SourceFile***:***Sub-routine***) Cannot create disk light objects.**

Severity: svc_c_sev_error

Explanation: The scout program encountered an error while initializing a line on the screen. This message may have been preceded by other messages detailing the error.

System Action: The program ends.

User Response: If this message was preceded by a message indicating an out of storage condition, run the scout program again specifying a larger virtual storage size. If the message was not preceded by out of storage messages then try running the program again. Contact the service representative if the problem continues.

IOES14513A (*SourceFile***:***Sub-routine***) Call to gtx_Init() ended in error.**

Severity: svc_c_sev_error

Explanation: The scout program encountered an error while initializing the scout screen. This message may have been preceded by other messages detailing the error.

System Action: The program ends.

User Response: If this message was preceded by a message indicating an out of storage condition, run the scout program again specifying a larger virtual storage size. If the message was not preceded by out of storage messages then try running the program again. Contact the service representative if the problem continues.

IOES14514A (*SourceFile*:*Sub-routine*) **Call to gtxframe_Create() ended in error.**

Severity: svc_c_sev_error

Explanation: The scout program encountered an error while initializing the scout screen. This message may have been preceded by other messages detailing the error.

System Action: The program ends.

User Response: If this message was preceded by a message indicating an out of storage condition, run the scout program again specifying a larger virtual storage size. If the message was not preceded by out of storage messages then try running the program again. Contact the service representative if the problem continues.

IOES14515A (*SourceFile*:*Sub-routine*) **Cannot allocate memory for full server name.**

Severity: svc_c_sev_error

Explanation: The scout program cannot allocate memory to hold the full name of a file exporter the program has been requested to probe.

System Action: The program ends.

User Response: Run the program again specifying a larger virtual storage size.

IOES14516A (*SubRoutine*) **Cannot create nil uuid.**

Severity: svc_c_sev_error

Explanation: The scout program cannot create a nil uuid. This uuid is needed to obtain the binding handle to a file exporter the scout program is querying. This message indicates that the DCE **uuid_create_nil** function has ended.

System Action: The program ends.

User Response: Additional information on the **uuid_create_nil** function is found in the *z/OS: DCE Application Development Reference*, SC24-5908. Because there are no error return codes for this function, there may be an internal error in the scout program. Contact a service representative.

IOES14517A (*SubRoutine*) **Hostname** *HostName* **is not valid.**

Severity: svc_c_sev_error

Explanation: The scout program found that a server

host name (*HostName*) passed as input to the program was not valid.

System Action: The program ends.

User Response: Run the program again specifying a valid host name.

IOES14518A (*Sub-routine*) **Cannot malloc()** *NumBytes* **bytes for** *NumLines* **screen lines.**

Severity: svc_c_sev_error

Explanation: The scout program cannot allocate memory to hold the storage that describes the layout of the scout screen.

System Action: The program ends.

User Response: Run the program again specifying a larger virtual storage size.

IOES14525A (*SubRoutine*) **Cannot initialize line for server** *Index*.

Severity: svc_c_sev_error

Explanation: The scout program encountered an error while initializing the scout screen. The error occured while initializing the line for server entry number *Index*. This message may have been preceded by other messages detailing the error.

System Action: The program ends.

User Response: If this message was preceded by a message indicating an out of storage condition, run the scout program again specifying a larger virtual storage size. If the message was not preceded by out of storage messages then try running the program again. Contact the service representative if the problem continues.

IOES14526A (*SubRoutine*) **Cannot add client connections light to display list.**

Severity: svc_c_sev_error

Explanation: The scout program encountered an error while initializing the scout screen. This message may have been preceded by other messages detailing the error.

System Action: The program ends.

User Response: If this message was preceded by a message indicating an out of storage condition, run the scout program again specifying a larger virtual storage size. If the message was not preceded by out of storage messages then try running the program again. Contact the service representative if the problem continues.

IOES14527A (*SubRoutine***) Cannot add fetches light to frame display list.**

Severity: svc_c_sev_error

Explanation: The scout program encountered an error while initializing the scout screen. This message may have been preceded by other messages detailing the error.

System Action: The program ends.

User Response: If this message was preceded by a message indicating an out of storage condition, run the scout program again specifying a larger virtual storage size. If the message was not preceded by out of storage messages then try running the program again. Contact the service representative if the problem continues.

IOES14528A (*SubRoutine***) Cannot add stores light to frame display list.**

Severity: svc_c_sev_error

Explanation: The scout program encountered an error while initializing the scout screen. This message may have been preceded by other messages detailing the error.

System Action: The program ends.

User Response: If this message was preceded by a message indicating an out of storage condition, run the scout program again specifying a larger virtual storage size. If the message was not preceded by out of storage messages then try running the program again. Contact the service representative if the problem continues.

IOES14529A (*SubRoutine***) Cannot add workstation light to display list.**

Severity: svc_c_sev_error

Explanation: The scout program encountered an error while initializing the scout screen. This message may have been preceded by other messages detailing the error.

System Action: The program ends.

User Response: If this message was preceded by a message indicating an out of storage condition, run the scout program again specifying a larger virtual storage size. If the message was not preceded by out of storage messages then try running the program again. Contact the service representative if the problem continues.

IOES14530A (*SubRoutine***) Cannot add server name light to display list.**

Severity: svc_c_sev_error

Explanation: The scout program encountered an error while initializing the scout screen. This message may

have been preceded by other messages detailing the error.

System Action: The program ends.

User Response: If this message was preceded by a message indicating an out of storage condition, run the scout program again specifying a larger virtual storage size. If the message was not preceded by out of storage messages then try running the program again. Contact the service representative if the problem continues.

IOES14531A (*Subroutine***) Cannot bind key 'e' or 'E', code is ***ErrorCode***.**

Severity: svc_c_sev_error

Explanation: The scout program encountered an error while setting up the scout termination command. This message may have been preceded by other messages detailing the error.

System Action: The program ends.

User Response: If this message was preceded by a message indicating an out of storage condition, run the scout program again specifying a larger virtual storage size. If the message was not preceded by out of storage messages then try running the program again. Contact the service representative if the problem continues.

IOES14532A (*Subroutine***) Error returned by fsprobe_Init: ***ErrorCode***.**

Severity: svc_c_sev_error

Explanation: The scout program encountered an error while initializing for file exporter communications. This message may have been preceded by other messages detailing the error.

System Action: The program ends.

User Response: If this message was preceded by a message indicating an out of storage condition, run the scout program again specifying a larger virtual storage size. If the message was not preceded by out of storage messages then try running the program again. Contact the service representative if the problem continues.

IOES14533A (*Subroutine***) Error exit from gtx_InputServer(), error is ***ErrorCode***.**

Severity: svc_c_sev_error

Explanation: The scout program encountered an error while attempting to display the scout screen. This message may have been preceded by other messages detailing the error.

System Action: The program ends.

User Response: If this message was preceded by a message indicating an out of storage condition, run the scout program again specifying a larger virtual storage size. If the message was not preceded by out of storage

messages then try running the program again. Contact the service representative if the problem continues.

IOES14534A (*Subroutine***) No threshold value given for '***Attention***'.**

Severity: svc_c_sev_error

Explanation: No threshold was specified for the attention setting *Attention*. Every attention setting is required to have a corresponding threshold value.

System Action: The program ends.

User Response: Run the program again specifying a valid threshold for the attention name.

IOES14535I (*Subroutine***) Setting connection attention value to ***Threshold*** (default ***Default***).**

Severity: svc_c_sev_notice

Explanation: The scout connection attention threshold value was set to *Threshold*. The default setting is *Default*.

System Action: The program continues.

User Response: None.

IOES14536A (*Subroutine***) Connection threshold value ***Threshold*** is not valid.**

Severity: svc_c_sev_error

Explanation: The scout connection attention threshold value *Subroutine* must be a postive whole integer.

System Action: The program ends.

User Response: Run the program again specifying a valid threshold for the connection attention.

IOES14537I (*Subroutine***) New disk attention value: 0.***Threshold*** used (default ***Default***).**

Severity: svc_c_sev_notice

Explanation: The scout disk attention threshold value is being set to 0.*Threshold* percent used disk space. The default setting is *Default*.

System Action: The program continues.

User Response: None.

IOES14538A (*Subroutine***) Disk attention value in used percentage mode ***Threshold*** percent is not valid.**

Severity: svc_c_sev_error

Explanation: The scout disk attention threshold value *Subroutine* is not valid. When specifying a used percentage mode for a disk attention, the threshold must be a positive integer less than or equal to 100.

System Action: The program ends.

User Response: Run the program again specifying a valid threshold for the disk attention.

IOES14539I (*Subroutine***) New disk attention value: ***Threshold*** minimum free (default ***Default***).**

Severity: svc_c_sev_notice

Explanation: The scout disk attention threshold value is being set to *Threshold* minimum free blocks. The default setting is *Default*.

System Action: The program continues.

User Response: None.

IOES14540A (*Subroutine***) Disk attention value in minimum block free mode ***Threshold*** is not valid.**

Severity: svc_c_sev_error

Explanation: The scout disk attention threshold value *Subroutine* is not valid. When specifying a minimum number of blocks free for a disk attention, the threshold must be a positive integer.

System Action: The program ends.

User Response: Run the program again specifying a valid threshold for the disk attention.

IOES14541I (*Subroutine***) Setting fetch attention value to ***Threshold*** (default ***Default***).**

Severity: svc_c_sev_notice

Explanation: The scout fetch attention threshold value is being set to *Threshold*. The default setting was *Default*.

System Action: The program continues.

User Response: None.

IOES14542A (*Subroutine***) Fetch attention value ***Threshold*** is not valid.**

Severity: svc_c_sev_error

Explanation: The scout fetch attention threshold value *Subroutine* is not valid. The fetch attention threshold setting must be a postive integer.

System Action: The program ends.

User Response: Run the program again specifying a valid threshold for the fetch attention.

IOES14543I (*Subroutine***) Setting store attention value to** *Threshold* **(default** *Default***).**

Severity: svc_c_sev_notice

Explanation: The scout store attention threshold value is being set to *Threshold*. The default setting was *Default*.

System Action: The program continues.

User Response: None.

IOES14544A (*Subroutine***) Store attention value** *Threshold* **is not valid.**

Severity: svc_c_sev_error

Explanation: The scout store attention threshold value *Subroutine* is not valid. The store attention threshold setting must be a postive integer.

System Action: The program ends.

User Response: Run the program again specifying a valid threshold for the store attention.

IOES14545I (*Subroutine***) Setting workstation attention value to** *Threshold* **(default** *Default***).**

Severity: svc_c_sev_notice

Explanation: The scout workstation attention threshold value is being set to *Threshold*. The default setting was *Default*.

System Action: The program continues.

User Response: None.

IOES14546A (*Subroutine***) Workstation attention value** *Threshold* **is not valid.**

Severity: svc_c_sev_error

Explanation: The scout workstations attention threshold value *Subroutine* is not valid. The workstations attention threshold setting must be a postive integer.

System Action: The program ends.

User Response: Run the program again specifying a valid threshold for the workstations attention.

IOES14547A (*Subroutine***) Unknown attention item: '***Attention***'.**

Severity: svc_c_sev_error

Explanation: The attention (*Attention*) specified on the scout command line was not valid. For additional information on valid attentions, see the *z/OS: Distributed File Service DFS Administration*, SC24-5915.

System Action: The program ends.

User Response: Run the program again specifying a valid attention.

IOES14548A (*Subroutine***) Cannot open debugging file '***FileName***'.**

Severity: svc_c_sev_error

Explanation: Cannot open the scout debug file *FileName*.

System Action: The program ends.

User Response: Ensure that the debug file name is valid and run the scout program again. Additional information on the syntax of the debug file name is found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915. If the debug file name is valid and the problem continues, contact the service representative.

IOES14549I (*Subroutine***) Writing to scout debugging file '***FileName***'.**

Severity: svc_c_sev_notice

Explanation: The scout debug file *FileName* was successfully opened in write mode.

System Action: The program continues.

User Response: None.

IOES14550A (*Subroutine***) Probing frequency** *ProbeFreq* **is not valid.**

Severity: svc_c_sev_error

Explanation: The specified probing frequency *ProbeFreq* is not valid. The scout probe frequency must be a positive integer.

System Action: The program ends.

User Response: Run the scout program again specifying a valid probe frequency.

IOES14551A (*SourceFile***:***Sub-routine***) Cannot allocate memory for server name list.**

Severity: svc_c_sev_error

Explanation: The scout program cannot allocate memory to hold the name array of the servers that scout has been requested to probe.

System Action: The program ends.

User Response: Run the program again specifying a larger virtual storage size.

IOES14553A (*SubRoutine***) Error executing scout:**
** *ErrorCode***.**

Severity: svc_c_sev_error

Explanation: The scout program encountered an error while initializing the screen. This message may have been preceded by other messages detailing the error.

System Action: The program ends.

User Response: If this message was preceded by a message indicating an out of storage condition, run the scout program again specifying a larger virtual storage size. If the message was not preceded by out of storage messages then try running the program again. Contact the service representative if the problem continues.

IOES14561A dfsparms return code is: (*return_code***).**

Severity: svc_c_sev_error

Explanation: The scout program encountered an error in dfsparms.

System Action: The program ends.

User Response: Contact the service representative if the problem persists.

IOES14800A (*SubRoutine***) Refused; module not**
** initialized.**

Severity: svc_c_sev_error

Explanation: An internal processing error occurred in the scout program.

System Action: The program ends.

User Response: Try running the program again, if the problem continues, contact the service representative.

IOES14801A (*SubRoutine***) Incorrect number of**
** servers to clean up**
** (fsprobe_numServers = ***NumServers***).**

Severity: svc_c_sev_error

Explanation: An internal processing error occurred in the scout program.

System Action: The program ends.

User Response: Try running the program again, if the problem continues, contact the service representative.

IOES14802A (*SubRoutine***) Handler routine returned**
** error code ***ReturnCode***.**

Severity: svc_c_sev_error

Explanation: An internal processing error occurred in the scout program while attempting to display the scout screen.

System Action: The program ends.

User Response: Try running the program again, if the problem continues, contact the service representative.

IOES14803A (*SubRoutine***) Select function returned**
** error code ***ReturnCode***.**

Severity: svc_c_sev_error

Explanation: An internal processing error occurred in the scout program while attempting to display the scout screen. The select function returned the error code *SubRoutine*.

System Action: The program ends.

User Response: Try running the program again. If the problem continues, contact the service representative.

IOES14804A (*SubRoutine***) Called multiple times.**

Severity: svc_c_sev_error

Explanation: An internal processing error occurred in the scout program.

System Action: The program ends.

User Response: Try running the program again, if the problem continues, contact the service representative.

IOES14805A (*SubRoutine***) Incorrect number of**
** servers: ***NumServers***.**

Severity: svc_c_sev_error

Explanation: An internal processing error occurred in the scout program.

System Action: The program ends.

User Response: Try running the program again, if the problem continues, contact the service representative.

IOES14806A (*SubRoutine***) Null server bindings**
** argument.**

Severity: svc_c_sev_error

Explanation: An internal processing error occurred in the scout program.

System Action: The program ends.

User Response: Try running the program again, if the problem continues, contact the service representative.

IOES14807A (*SubRoutine***) Error in probe frequency:**
** *ProbeFreq***.**

Severity: svc_c_sev_error

Explanation: An internal processing error occurred in the scout program.

System Action: The program ends.

User Response: Try running the program again, if the

problem continues, contact the service representative.

IOES14808A (*SubRoutine***) Null probe handler function argument.**

Severity: svc_c_sev_error

Explanation: An internal processing error occurred in the scout program.

System Action: The program ends.

User Response: Try running the program again, if the problem continues, contact the service representative.

IOES14809A (*SubRoutine***) Cannot allocate *NumStructs* connection information structures (***Bytes* bytes).**

Severity: svc_c_sev_error

Explanation: The scout program cannot obtain storage for server connection information.

System Action: The program ends.

User Response: Try running the program with a larger virtual storage size.

IOES14810A (*SubRoutine***) Cannot allocate *NumStructs* statistics structures (***Bytes* bytes).**

Severity: svc_c_sev_error

Explanation: The scout program cannot obtain storage to hold file exporter statistics.

System Action: The program ends.

User Response: Try running the program with a larger virtual storage size.

IOES14811A (*SubRoutine***) Unable to allocate *NumStructs* probeOK array entries (***Bytes* bytes).**

Severity: svc_c_sev_error

Explanation: The scout program cannot obtain storage to hold file exporter statistics.

System Action: The program ends.

User Response: Try running the program with a larger virtual storage size.

IOES14812E (*SubRoutine***) Cannot get name from binding.**

Severity: svc_c_sev_warning

Explanation: The scout program cannot get the server host name from the server binding.

System Action: The program continues.

User Response: None if the scout program continues to function properly. If the problem continues and the scout program does not function properly, then contact the service representative.

IOES14813I (*SubRoutine***) Host name from binding is *HostName*.**

Severity: svc_c_sev_notice

Explanation: The subroutine displays the server host name from the server binding. This is an informational message only.

System Action: The program continues.

User Response: None if the scout program continues to function properly. If the problem continues and the scout program does not function properly, then contact the service representative.

IOES14814A (*SubRoutine***) Cannot create fsprobe thread; Error is *ErrorCode*.**

Severity: svc_c_sev_error

Explanation: The scout program cannot start the thread that probes the file exporters for scout statistics. *ErrorCode* is the return code from the DCE **pthread_create** function.

System Action: The program ends.

User Response: The problem may be a lack of virtual storage to create a new thread; try running the program again specifying a larger virtual storage size, otherwise, contact the service representative. Additional information is found in the *z/OS: DCE Application Development Reference*, SC24-5908.

IOES14815A (*SubRoutine***) Must call fsprobe_Init first.**

Severity: svc_c_sev_error

Explanation: An internal processing error occurred in the scout program.

System Action: The program ends.

User Response: Try running the program again, if the problem continues, contact the service representative.

Chapter 14. IOEUnnnnnt Messages - Update Server (upserver) and Update Client (upclient)

This chapter contains the messages that may result from the Update Server (upserver) and Update Client (upclient) processing.

IOEU15507E Incorrect argument - null pathname.

Severity: svc_c_sev_error

Explanation: A path must be specified in the **upclient** command.

System Action: The program ends.

Administrator Response: Include a path in the **upclient** command and try the request again.

IOEU15508E Malloc unsuccessful due to insufficient storage.

Severity: svc_c_sev_error

Explanation: The upclient program is unable to obtain sufficient storage for the item descriptor or the path name of the **upclient** command.

System Action: The program ends.

Administrator Response: Increase the storage and enter the command again. If the problem continues, contact the service representative.

IOEU15509E Malloc unsuccessful due to insufficient storage.

Severity: svc_c_sev_error

Explanation: The upclient program is unable to obtain sufficient storage for the cell directory service (CDS) host name.

System Action: The program ends.

Administrator Response: Increase the storage and enter the command again. If the problem continues, contact the service representative.

IOEU15510E Malloc unsuccessful due to insufficient storage.

Severity: svc_c_sev_error

Explanation: The upclient program is unable to obtain sufficient storage for the log structure.

System Action: The program ends.

Administrator Response: Increase the storage and enter the command again. If the problem continues, contact the service representative.

IOEU15511E Malloc unsuccessful due to insufficient storage.

Severity: svc_c_sev_error

Explanation: The program is unable to obtain sufficient storage for the upclient log file.

System Action: The program ends.

Administrator Response: Increase the storage and enter the command again. If the problem continues, contact the service representative.

IOEU15512E Cannot open log file *logFile*.

Severity: svc_c_sev_error

Explanation: The program is unable to open the log file specified for either the upclient or upserver program.

System Action: The program ends.

Administrator Response: Verify that the log file exists and is not corrupted. If the problem continues, contact the service representative.

IOEU15514E Cannot create *fileBuffer* **for writing.**

Severity: svc_c_sev_error

Explanation: Upclient is unable to create a file buffer while attempting to fetch a specific file from the upserver.

System Action: The program ends.

Administrator Response: Verify that the file buffer exists and is not corrupted. If the problem continues, contact the service representative.

IOEU15515E Error fetching file *fileBuffer*.

Severity: svc_c_sev_error

Explanation: Upclient is unable to fetch the specified file from the upserver.

System Action: The program ends.

Administrator Response: Verify that the file exists and is not corrupted. If the problem continues, contact the service representative.

IOEU15516E Cannot change protection on *fileBuffer* **to** *mode*; **errno** *errno*.

Severity: svc_c_sev_error

Explanation: Upclient is unable to change the file buffer to the specified mode.

System Action: The program ends.

Administrator Response: Verify that authority exists for the changing the protection. If the problem continues, contact the service representative.

IOEU15517E Attention: unable to set uid *bufferUID*, **gid** *bufferGID* **on** *fileBuffer*; **errno** *errno*.

Severity: svc_c_sev_error

Explanation: Upclient is unable to change the uid and the gid for the file buffer specified.

System Action: The program continues.

Administrator Response: Contact the service representative.

IOEU15518E Attention: cannot change access and modify times on *fileBuffer* **to** *time1* *time2*; **errno** *errno*.

Severity: svc_c_sev_error

Explanation: Upclient was unable to change the access and modify times for the file buffer specified.

System Action: The program continues.

Administrator Response: Contact the service representative.

IOEU15519E Cannot rename *oldfileBuffer* **to** *newfileBuffer*; **errno** *errno*.

Severity: svc_c_sev_error

Explanation: Upclient is unable to rename the specified file buffer to the new name.

System Action: The program ends.

Administrator Response: Verify that the file buffer exists and is not corrupted. If the problem continues, contact the service representative.

IOEU15522E Cannot create *directoryBuffer* **for writing.**

Severity: svc_c_sev_error

Explanation: Upclient is unable to create a directory buffer while attempting to fetch a specific directory from the upserver.

System Action: The program ends.

Administrator Response: Verify that the directory buffer exists and is not corrupted. If the problem

continues, contact the service representative.

IOEU15523E Unable to perform UPDATE_FetchInfo on object *directoryName*.

Severity: svc_c_sev_error

Explanation: The RPC call to get the names and relevant information about all the files in the specified directory into file dirbuf failed.

System Action: The program ends.

Administrator Response: Verify that the files and directory exist and are not corrupted. If the problem continues, contact the service representative.

IOEU15524E fopen was unsuccessful on *directoryBuffer*, **retry** *numberTrys*; **Error** *errno*.

Severity: svc_c_sev_error

Explanation: The program was unable to open the directory buffer after repeated attempts.

System Action: The program ends.

Administrator Response: Verify that the directory buffer exists and is not corrupted. If the problem continues, contact the service representative.

IOEU15527E Unable to create *fileBuffer* **for writing.**

Severity: svc_c_sev_error

Explanation: Upclient was unable to create a file buffer while attempting to fetch the file and filename from the host for placement into filebuf.

System Action: The program ends.

Administrator Response: Verify that the file buffer exists and is not corrupted. If the problem continues, contact the service representative.

IOEU15528E Unable to perform UPDATE_FetchFile on object *fileBuffer*.

Severity: svc_c_sev_error

Explanation: The RPC call to fetch the entire file and filename from the host and put it into filebuf has failed.

System Action: The program ends.

Administrator Response: Verify that the files and directory exist and are not corrupted. If the problem continues, contact the service representative.

IOEU15529E Attention: unable to change uid and gid on *fileBuffer* **to** *bufferGID* **and** *bufferUID*.

Severity: svc_c_sev_error

Explanation: Upclient was unable to change the uid

and the gid for the file buffer specified.

System Action: The program continues.

Administrator Response: Contact the service representative.

IOEU15531E **Attention: unable to change access and modify times on** *fileBuffer* **to** *time1 time2*.

Severity: svc_c_sev_error

Explanation: Upclient was unable to change the access and modify times for the file buffer specified.

System Action: The program ends.

Administrator Response: Contact the service representative.

IOEU15533E *programName* **: Cannot open local dir** *directoryName*; **errno** *errno*.

Severity: svc_c_sev_error

Explanation: The fetch directory routine was unable to open the specified directory.

System Action: The program ends.

Administrator Response: Verify that the directory exists and is not corrupted. If the problem continues, contact the service representative.

IOEU15535E **Cannot delete file** *fileName*; **errno** *errno*.

Severity: svc_c_sev_error

Explanation: The fetch directory routine is unable to delete the redundant filename specified by the upclient program.

System Action: The program continues.

Administrator Response: Verify that the redundant file exists and is not corrupted. If the problem continues, contact the service representative.

IOEU15537E **Cannot rename** *fileName* **to** *newfileName*; **errno** *errno*.

Severity: svc_c_sev_error

Explanation: The fetch directory routine is unable to rename the filename specified to the new filename specified.

System Action: The program continues.

Administrator Response: Verify that the file exists and is not corrupted. If the problem continues, contact the service representative.

IOEU15539E **Unable to determine type of remote object** *objectName*.

Severity: svc_c_sev_error

Explanation: The **keepUpToDate** routine cannot fetch the information for the object specified. The upclient program will either retry the request or continue with the next object.

System Action: The program continues.

Administrator Response: Verify that the object exists and is not corrupted. If the problem continues, contact the service representative.

IOEU15540E **Remote object** *objectName*, **incorrect type - ignoring.**

Severity: svc_c_sev_error

Explanation: The **keepUpToDate** routine found an incorrect object type for the object specified. The program will continue with the next object.

System Action: The program continues.

Administrator Response: Verify that the object exists and is not corrupted. If the problem continues, contact the service representative.

IOEU15541E **Unable to obtain statistics** *objectName* **(errno** *errno*) **- ignoring.**

Severity: svc_c_sev_error

Explanation: The **keepUpToDate** routine cannot get the statistics for the object specified. The program will continue with the next object.

System Action: The program continues.

Administrator Response: Verify that the object exists and is not corrupted. If the problem continues, contact the service representative.

IOEU15542E **Ignoring remote directory** *directoryName*, **incorrect local object type.**

Severity: svc_c_sev_error

Explanation: The **keepUpToDate** routine found an incorrect object type for the remote directory specified. The program continues with the next object.

System Action: The program continues.

Administrator Response: Verify that the directory exists and is not corrupted. If the problem continues, contact the service representative.

IOEU15543E Ignoring remote file *fileName***, incorrect local object type.**

Severity: svc_c_sev_error

Explanation: The **keepUpToDate** routine found an incorrect object type for the remote file specified. The program will continue with the next object.

System Action: The program continues.

Administrator Response: Verify that the file exists and is not corrupted. If the problem continues, contact the service representative.

IOEU15544E Remote object (objectName**) not a file or directory - ignoring.**

Severity: svc_c_sev_error

Explanation: The **keepUpToDate** routine found that the remote object was not a file or a directory. The program continues with the next object.

System Action: The program continues.

Administrator Response: Verify that the object is not corrupted. If the problem continues, contact the service representative.

IOEU15545E Upclient: cannot reset bindings; *ErrTxt***; terminating.**

Severity: svc_c_sev_error

Explanation: The **keepUpToDate** routine terminated due to an RPC binding reset failure.

System Action: The program ends.

Administrator Response: Refer to the error text for additional information and then contact the service representative or notify the DCE administrator.

IOEU15546E *programName***: Error return (**errno**) from dfsparms.**

Severity: svc_c_sev_error

Explanation: An error was returned while attempting to read the modify parameters in the client main routine.

System Action: The program ends.

Administrator Response: Note the error number and contact the service representative or notify the DCE administrator.

IOEU15547E Received rc=errno **from dfs_svc_setup_stop_handler().**

Severity: svc_c_sev_error

Explanation: An error was returned while attempting to setup the stop handler in the client main routine.

System Action: The program ends.

Administrator Response: Note the error number and contact the service representative or notify the DCE administrator.

IOEU15548E Received rc=errno **from dfs_svc_setup_console_thread().**

Severity: svc_c_sev_error

Explanation: An error was returned while attempting to setup a console thread in the client main routine.

System Action: The program ends.

Administrator Response: Note the error number and contact the service representative or notify the DCE administrator.

IOEU15549E *programName***: Error (**errno**) from dfs_svc_cancel_console_thread for communications thread.**

Severity: svc_c_sev_error

Explanation: An error was returned while attempting to cancel a console thread in the client main routine.

System Action: The program ends.

Administrator Response: Note the error number and contact the service representative or notify the DCE administrator.

IOEU15550E *programName***: Shutdown condition variable initialization ended in error.**

Severity: svc_c_sev_error

Explanation: An error was returned from the **pthread_cond_init** routine when attempting to initialize the shutdown condition variable in the client main routine.

System Action: The program ends.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEU15551E *programName***: Shutdown mutex variable initialization ended in error.**

Severity: svc_c_sev_error

Explanation: An error was returned from the **pthread_mutex_init** routine when attempting to initialize the shutdown mutex variable in the client main routine.

System Action: The program ends.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEU15553E Unable to cancel keepUpToDate() thread, continuing.

Severity: svc_c_sev_error

Explanation: The call to the **pthread_cancel** routine failed to cancel the keepUpToDate thread.

System Action: The program continues.

Administrator Response: Ignore, shutdown is occurring.

IOEU15554E Upclient: unable to parse command line; *ErrTxt***.**

Severity: svc_c_sev_error

Explanation: An error was returned from the **cmd_Dispatch** routine when attempting to parse the command line sent to the client main program.

System Action: The program ends.

Administrator Response: Refer to the error text for additional information and contact the service representative or notify the DCE administrator.

IOEU15555E Upclient: incorrect server name or path list.

Severity: svc_c_sev_error

Explanation: The server name or the path list used in the **upclient** command is not valid.

System Action: The program ends.

Administrator Response: Verify that the names or lists are correct and enter the command again.

IOEU15556E Upclient: unable to create nil UUID; *ErrTxt***.**

Severity: svc_c_sev_error

Explanation: An error was returned from the **uuid_create_nil** routine when attempting to create a nil uuid in the client main program.

System Action: The program ends.

IOEU15557E Upclient: unable to locate upserver; *ErrTxt***.**

Severity: svc_c_sev_error

Explanation: The **rpc_locate_dfs_server** routine failed to locate the upserver the client main program.

System Action: The program ends.

Administrator Response: Verify that the upserver is running. If it is, refer to the error text for additional information. Contact the service representative or notify the DCE administrator.

IOEU15558E Cannot access desired interface.

Severity: svc_c_sev_error

Explanation: The **dfs_selectInterface** routine is unable to access the desired RPC interface for the client in the client main program.

System Action: The program ends.

Administrator Response: Verify that the interface is available. If the problem continues, contact the service representative or notify the DCE administrator.

IOEU15559E Upclient: unable to select RPC interface; *ErrTxt***; ending.**

Severity: svc_c_sev_error

Explanation: The **dfs_selectInterface** routine is unable to access the desired RPC interface for the client in the client main program.

System Action: The program ends.

IOEU15567E Object *objectName1* **ignored, incompatible with previous object** *objectName2***.**

Severity: svc_c_sev_error

Explanation: The **isCompatibleObject** routine determined that the objects specified are not compatible.

System Action: The program continues.

Administrator Response: Enter the request again specifying compatible objects.

IOEU15569I upclient: cannot set up dump handler.

Severity: svc_c_sev_warning

Explanation: The internal dump function cannot be set up for the upclient.

System Action: The program continues.

Administrator Response: Any dumps from the upclient will not go to a separate upclient DD.

IOEU15570E Error creating mutex attribute during initialization; errno = *errno***.**

Severity: svc_c_sev_error

Explanation: An error was returned from the **pthread_mutexattr_create** routine when attempting to create a mutex attribute during initialization in the **updatePthreadInit** routine in the upserver program.

System Action: The program ends.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEU15571E Error setting kind of mutex attribute during initialization; errno = *errno*.

Severity: svc_c_sev_error

Explanation: An error was returned from the **pthread_mutexattr_setkind_np** routine when attempting to set the kind of mutex attribute during initialization in the **updatePthreadInit** routine in the upserver program.

System Action: The program ends.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEU15572E Error initializing update server mutex; errno = *errno*.

Severity: svc_c_sev_error

Explanation: An error was returned from the **pthread_mutex_init** routine when attempting to update the server mutex during initialization in the **updatePthreadInit** routine in the upserver program.

System Action: The program ends.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEU15573E Error deleting mutex attribute during initialization; errno = *errno*.

Severity: svc_c_sev_error

Explanation: An error was returned from the **pthread_mutexattr_delete** routine when attempting to delete the mutex attribute during initialization in the **updatePthreadInit** routine in the upserver program.

System Action: The program ends.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEU15574E Incorrect argument - null pathname.

Severity: svc_c_sev_error

Explanation: The pathname was not specified on the upserver command.

System Action: The program ends.

Administrator Response: Include the pathname and enter the command again.

IOEU15575E Item *itemName* not exported; status cannot be determined.

Severity: svc_c_sev_error

Explanation: The item specified was not exported, therefore the **status** routine cannot find it.

System Action: The program ends.

Administrator Response: Export the item and then enter the command again.

IOEU15576E Path *pathName* does not specify a file or directory.

Severity: svc_c_sev_error

Explanation: The pathname specified needs to contain a valid file or directory.

System Action: The program ends.

Administrator Response: Include a file or directory in the pathname and enter the command again.

IOEU15577E addServerItem: insufficient storage for malloc.

Severity: svc_c_sev_error

Explanation: The program was unable to obtain sufficient storage for the addServerItem.

System Action: The program ends.

Administrator Response: Increase storage and enter the command again. If the problem continues, contact the service representative.

IOEU15578E Insufficient storage for malloc - initializing log file.

Severity: svc_c_sev_error

Explanation: The program was unable to obtain sufficient storage for the upserver log file.

System Action: The program ends.

Administrator Response: Increase storage and enter the command again. If the problem continues, contact the service representative.

IOEU15579E upserver: unable to shutdown duplicate server.

Severity: svc_c_sev_error

Explanation: The **compat_ShutdownDuplicateServer** routine in the upserver main routine was unable to shutdown a duplicate server.

System Action: The program ends.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEU15580E upserver: unable to obtain registered interface.

Severity: svc_c_sev_error

Explanation: The **dfs_installInterfaceDescription** routine in the upserver main routine was unable to record a registered interface.

System Action: The program ends.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEU15581E Upserver: cannot create nil UUID.

Severity: svc_c_sev_error

Explanation: An error was returned from the **uuid_create_nil** routine when attempting to create a nil uuid in the upserver main program.

System Action: The program ends.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEU15582E Upserver: unable to register server.

Severity: svc_c_sev_error

Explanation: The **rpc_register_dfs_server** routine in the upserver main routine was unable to register the upserver.

System Action: The program ends.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEU15584E upserver: server unable to listen.

Severity: svc_c_sev_error

Explanation: The **rpc_server_listen** routine in the upserver main routine returned an error when attempting to listen to the server.

System Action: The program ends.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEU15585E upserver: unable to unregister interface.

Severity: svc_c_sev_error

Explanation: The **compat_UnregisterServe** routine in the upserver main routine was unable to unregister the interface.

System Action: The program ends.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEU15586E *programName*: **error locking update server global mutex; errno=**errno.

Severity: svc_c_sev_error

Explanation: An error was returned from the **pthread_mutex_lock** routine when attempting to lock the update server global mutex.

System Action: The program ends.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEU15587E *programName*: **error unlocking update server global mutex; errno=**errno.

Severity: svc_c_sev_error

Explanation: An error was returned from the **pthread_mutex_unlock** routine when attempting to unlock the update server global mutex.

System Action: The program ends.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEU15588E *programName*: *routineName* **DFS_DISABLE_CANCEL ended.**

Severity: svc_c_sev_error

Explanation: An error was returned from the **DFS_DISABLE_CANCEL** routine in one of the following routines in the manager program: **UPDATE_GetServerInterfaces** which sends a list of registered upserver interfaces to the caller; **UPDATE_FetchFile** which sends the contents of a file to the caller; **UPDATE_FetchInfo** which fetches directory information about the directory name and sends it to a remote client; or, **UPDATE_FetchObjectInfo** which returns a status of the named object.

System Action: The program ends.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEU15589E *programName*: *routineName* **dfsauth_server_CheckAuthorization ended.**

Severity: svc_c_sev_error

Explanation: An error was returned from the **dfsauth_server_CheckAuthorization** routine in one of the following routines in the manager program: **UPDATE_GetServerInterfaces** which sends a list of registered upserver interfaces to the caller; **UPDATE_FetchFile** which sends the contents of a file to the caller; **UPDATE_FetchInfo** which fetches directory information about the directory name and sends it to a remote client; or, **UPDATE_FetchObjectInfo** which returns a status of the named object.

System Action: The program ends.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEU15590E *programName*: *routineName* **dfs_GetServerInterfaces ended.**

Severity: svc_c_sev_error

Explanation: An error was returned from the **dfs_GetServerInterfaces** routine in the **UPDATE_GetServerInterfaces** routine which sends a list of registered upserver interfaces to the caller.

System Action: The program ends.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEU15591E *programName*: *routineName* **DFS_ENABLE_CANCEL ended.**

Severity: svc_c_sev_error

Explanation: An error was returned from the **DFS_ENABLE_CANCEL** routine in one of the following routines in the manager program: **UPDATE_GetServerInterfaces** which sends a list of registered upserver interfaces to the caller; **UPDATE_FetchFile** which sends the contents of a file to the caller; **UPDATE_FetchInfo** which fetches directory information about the directory name and sends it to a remote client; or, **UPDATE_FetchObjectInfo** which returns a status of the named object.

System Action: The program ends.

Administrator Response: Contact the service representative or notify the DCE administrator.

IOEU15592E Request for *filedirName* **denied - not in export list.**

Severity: svc_c_sev_error

Explanation: An error was returned from the **canExportObject** routine indicating that the specified filename or directory was not in the export list. This occurred in the **UPDATE_FetchFile** routine which sends the contents of a file to the caller or the **UPDATE_FetchInfo** which fetches directory information about the directory name and sends it to a remote client.

System Action: The program ends.

Administrator Response: Verify that the filename has been exported. If it has, contact the service representative or notify the DCE administrator.

IOEU15593E Unable to open file *fileName*.

Severity: svc_c_sev_error

Explanation: An error was returned from the **open** routine indicating that the specified filename could not be opened. This occurred in the **UPDATE_FetchFile** routine which sends the contents of a file to the caller.

System Action: The program ends.

Administrator Response: Verify that the filename exists and is not corrupted. If the problem continues, contact the service representative or notify the DCE administrator.

IOEU15594E Unable to open directory *directoryName*.

Severity: svc_c_sev_error

Explanation: An error was returned from the open routine indicating that the specified directory could not be opened. This occurred in the **UPDATE_FetchInfo** routine, which fetches directory information about the directory name and sends it to a remote client.

System Action: The program ends.

Administrator Response: Verify that the directory exists and is not corrupted. If the problem continues, contact the service representative or notify the DCE administrator.

IOEU15595E Object *objectName* **is not a directory.**

Severity: svc_c_sev_error

Explanation: The object specified is not a directory. This occurred in the **UPDATE_FetchInfo** routine which fetches directory information about the directory name and sends it to a remote client.

System Action: The program ends.

Administrator Response: Verify that the object specified is correct and enter the command again.

IOEU15596E *programName*: **Insufficient storage for malloc; errno =** *errno*.

Severity: svc_c_sev_error

Explanation: The program was unable to obtain sufficient storage for the pipeBuff. It occurred in the **update_SendFile** routine which is called to read data from the specified target file and write data into the provided pipeStream that is connected to the client.

System Action: The program ends.

Administrator Response: Increase storage and enter the command again. If the problem continues, contact the service representative.

IOEU15597E File system unable to read target file.

Severity: svc_c_sev_error

Explanation: The program was unable to fetch the file and write it to the Stream-Pipe. This error occurred in the **update_SendFile** routine in the manager program which is called to read data from the specified target file and write data into the provided pipeStream that is connected to the client.

System Action: The program ends.

Administrator Response: Verify that the file exists and is not corrupted. If the problem continues, contact the service representative.

IOEU15599E Unable to open *fileName***.**

Severity: svc_c_sev_error

Explanation: The program was unable to open the specified filename. It occurred in the **update_SendDirInfo** routine in the manager program that is called to send a directory listing of the named directory to the client.

System Action: The program ends.

Administrator Response: Verify that the file exists and is not corrupted. If the problem continues, contact the service representative or notify the DCE administrator.

IOEU15600E Cannot close file *fileName***.**

Severity: svc_c_sev_error

Explanation: The program was unable to close the specified filename. It occurred in the **update_SendDirInfo** routine in the manager program that is called to send a directory listing of the named directory to the client.

System Action: The program ends.

Administrator Response: Verify that the file exists and is not corrupted. If the problem continues, contact the service representative or notify the DCE administrator.

IOEU15601E Request for *objectName* **denied - not in export list.**

Severity: svc_c_sev_error

Explanation: The object specified is not in the export list, causing the **canExportObject** routine to fail. This occurs in the **UPDATE_FetchObjectInfo** in the manager program which returns a status of the named object.

System Action: The program ends.

Administrator Response: Export the item and enter the command again.

IOEU15602E Unable to obtain status for object *objectName***, errno** *errno***.**

Severity: svc_c_sev_error

Explanation: The specified object was not exported, therefore the status routine cannot find it.

System Action: The program ends.

Administrator Response: Export the item and enter the command again.

IOEU15603I upserver: cannot set upserver dump handler.

Severity: svc_c_sev_warning

Explanation: The internal dump function cannot be set up for the upserver.

System Action: The program continues.

Administrator Response: Any dumps from the upserverclient will not go to a separate upserver DD.

IOEU15604E Incorrect input parameter *bad_param* **was specified.**

Severity: svc_c_sev_error

Explanation: The format of the input parameters used with the **bos create** command to start the server was incorrect. The value indicated in the text of the error message indicates the incorrect parameter.

System Action: The server will continue to make unsuccessful attempts to start until the problem is corrected.

Administrator Response: Stop the server from trying to start again by using the **bos stop** command. Delete the entry containing the incorrect input parameters format from the BosConfig file by using the **bos delete** command. Enter the **bos create** command with a valid input parameter format.

IOEU15605E Incorrect input parameter format was specified.

Severity: svc_c_sev_error

Explanation: The format of the input parameters used with the **bos create** command to start the server was incorrect. The ending delimiter ')' was not found.

System Action: The server will continue to make unsuccessful attempts to start until the problem is corrected.

Administrator Response: Stop the server from trying to start again by using the **bos stop** command. Delete the entry containing the incorrect input parameters format from the BosConfig file by using the **bos delete** command. Enter the **bos create** command with a valid input parameter format.

Chapter 15. IOEWnnnnnt Messages - SMB File/Print Server

This chapter contains the messages that may result from the SMB File/Print Server processing.

IOEW16000A   SMB: server name not specified in envar file.

Severity: svc_c_sev_error

Explanation: The file exporter cannot read the **_IOE_SMB_SERVER_NAME** variable from the **dfskern** environment variable file.

System Action: The program ends.

Administrator Response: Add the **_IOE_SMB_SERVER_NAME** to the envar file for **dfskern** and restart the file exporter. Additional information about the **dfskern** environment variables can be found in the *z/OS: Distributed File Service SMB Administration*, SC24-5918.

IOEW16001A   SMB: server name longer than 15 characters.

Severity: svc_c_sev_error

Explanation: The file exporter found that the **_IOE_SMB_COMPUTER_NAME dfskern** environment variable specified a name longer than 15 characters.

System Action: The program ends.

Administrator Response: Change the **_IOE_SMB_COMPUTER_NAME dfskern** environment variable to specify a name not more than 15 characters long and restart the file exporter. Additional information about the **dfskern** environment variables can be found in the *z/OS: Distributed File Service SMB Administration*, SC24-5918.

IOEW16003A   SMB: domain name longer than 15 characters.

Severity: svc_c_sev_error

Explanation: The file exporter found that the **_IOE_SMB_DOMAIN_NAME dfskern** environment variable specified a name longer than 15 characters.

System Action: The program ends.

Administrator Response: Change the **_IOE_SMB_DOMAIN_NAME dfskern** environment variable to specify a name not more than 15 characters long and restart the file exporter. Additional information about the **dfskern** environment variables can be found in the *z/OS: Distributed File Service SMB Administration*, SC24-5918.

IOEW16004A   SMB: server description not specified in envar file.

Severity: svc_c_sev_error

Explanation: The file exporter cannot read the **_IOE_SMB_DESCRIPTION** environment variable from the **dfskern** envar file.

System Action: The program ends.

Administrator Response: Add the **_IOE_SMB_DESCRIPTION** environment variable to the envar file for **dfskern** and restart the file exporter. Additional information about the **dfskern** environment variables can be found in the *z/OS: Distributed File Service SMB Administration*, SC24-5918.

IOEW16005A   SMB: description longer than 50 characters.

Severity: svc_c_sev_error

Explanation: The file exporter found that the **_IOE_SMB_DESCRIPTION dfskern** environment variable specified a description longer than 50 characters.

System Action: The program ends.

Administrator Response: Change the **_IOE_SMB_DESCRIPTION dfskern** environment variable to specify text not more than 50 characters long and restart the file exporter. Additional information about the **dfskern** environment variables can be found in the *z/OS: Distributed File Service SMB Administration*, SC24-5918.

IOEW16006I   SMB: default logon ID *defaultId* **is incorrect or missing.**

Severity: svc_c_sev_error

Explanation: The file exporter found that the **_IOE_MVS_DFSDFLT** variable for **dfskern** is either not set in the envar file or is too large to be a valid z/OS user ID.

System Action: The program continues.

Administrator Response: Change the **_IOE_MVS_DFSDFLT dfskern** environment variable to specify a valid z/OS user ID if unauthenticated guest support is desired. Additional information about **dfskern** environment variables can be found in the *z/OS: Distributed File Service SMB Administration*, SC24-5918.

IOEW16007A   **SMB: cannot create thread in pool, pthread_create error** *status***.**

Severity: svc_c_sev_error

Explanation: The file exporter cannot create a thread in the SMB dispatch thread pool.

System Action: The program ends.

Administrator Response: This condition may be caused by a lack of memory in the file exporter address space. Increase the region size and restart DFS. If the problem continues, contact the service representative.

IOEW16008A   **SMB: scope name too long.**

Severity: svc_c_sev_error

Explanation: The scope name cannot be longer than 223 characters.

System Action: The program ends.

Administrator Response: The scope name is specified in the **dfskern** environment variable **_IOE_SMB_SCOPE**. Additional information about specifying the scope name is found in the *z/OS: Distributed File Service SMB Administration*, SC24-5918.

IOEW16009A   **SMB: incorrect primary WINS IP address specified.**

Severity: svc_c_sev_error

Explanation: An incorrect IP address was specified for the primary WINS server in **dfskern** environment variable **_IOE_SMB_PRIMARY_WINS**.

System Action: The program ends.

Administrator Response: Additional information about specifying the WINS primary address is found in the *z/OS: Distributed File Service SMB Administration*, SC24-5918.

IOEW16010A   **SMB: incorrect secondary WINS IP address specified.**

Severity: svc_c_sev_error

Explanation: An incorrect IP address was specified for the secondary WINS server in the **dfskern** environment variable **_IOE_SMB_SECONDARY_WINS**.

System Action: The program ends.

Administrator Response: Additional information about specifying the WINS secondary address is found in the *z/OS: Distributed File Service SMB Administration*, SC24-5918.

IOEW16011A   **SMB: primary WINS IP address not specified.**

Severity: svc_c_sev_error

Explanation: Although a primary WINS server internet address was not indicated, the administrator specified the SMB file server to serve as a WINS proxy server.

System Action: The program ends.

Administrator Response: Specify a primary WINS server IP address in the **dfskern** environment variable **_IOE_SMB_PRIMARY_WINS**. Additional information about specifying the WINS primary address is found in the *z/OS: Distributed File Service SMB Administration*, SC24-5918.

IOEW16012A   **SMB: Secondary WINS IP address specified without a primary WINS address.**

Severity: svc_c_sev_error

Explanation: Although a primary WINS server internet address was not specified, the administrator specified a secondary WINS IP address.

System Action: The program ends.

Administrator Response: Specify a primary WINS server IP address in the **dfskern** environment variable **_IOE_SMB_PRIMARY_WINS**. Additional information about specifying the WINS primary address is found in the *z/OS: Distributed File Service SMB Administration*, SC24-5918.

IOEW16013A   **SMB: malloc() error with insufficient storage for async_anchor block.**

Severity: svc_c_sev_error

Explanation: The **dfskern** program cannot obtain the storage required for SMB Server initialization.

System Action: The program ends.

Administrator Response: Restart the SMB server with a larger region size.

IOEW16021A   **Error opening SMB map file** *filename***, return code =** *code***.**

Severity: svc_c_sev_error

Explanation: Unable to open the SMB user ID map file specified by the **dfskern** environment variable **_IOE_SMB_IDMAP**.

System Action: The program continues.

Administrator Response: Verify that the file name specified in the **dfskern** environment variable **_IOE_SMB_IDMAP** is correct. Additional information about **dfskern** environment variables can be found in

the *z/OS: Distributed File Service SMB Administration*, SC24-5918.

IOEW16022I Error closing SMB map file *filename*, **return code =** *code*.

Severity: svc_c_sev_error

Explanation: The SMB user ID map file specified by the **dfskern** environment variable **_IOE_SMB_IDMAP** could not be closed.

System Action: The program continues.

Administrator Response: Verify that the file name specified is correct and fully qualified.

IOEW16023I The SMB user ID map table was successfully built.

Severity: svc_c_sev_error

Explanation: The map table was built successfully.

System Action: The program continues.

Administrator Response: None.

IOEW16024A The SMB user ID map table was not successfully built.

Severity: svc_c_sev_error

Explanation: The table cannot be built because of errors indicated in prior messages.

System Action: The program continues.

Administrator Response: Use the prior messages to correct the SMB user ID map table. The SMB user ID map table is pointed to by **dfskern** environment variable **_IOE_SMB_IDMAP**. Additional information about the SMB user ID map table is found in the *z/OS: Distributed File Service SMB Administration*, SC24-5918.

IOEW16025A The SMB user ID map table lines mismatched.

Severity: svc_c_sev_error

Explanation: The contents of the SMB user ID map table specified by the **dfskern** environment variable **_IOE_SMB_IDMAP** has mismatching lines. This error indicates that the number of SMB user IDs and z/OS user IDs specified in the file were not the same.

System Action: The program continues.

Administrator Response: Examine the contents of the SMB user ID map file and correct any errors found. Reload the SMB user ID map file using the **modify** command: F DFS,SEND DFSKERN,RELOAD,SMBMAP. Additional information about constructing and loading SMB user ID map tables is found in the *z/OS: Distributed File Service SMB Administration*, SC24-5918.

IOEW16026A The SMB user ID map table contains duplicate lines.

Severity: svc_c_sev_error

Explanation: The contents of the SMB user ID map table specified by the **dfskern** environment variable **_IOE_SMB_IDMAP** contains duplicate lines. This error indicates an SMB user ID is being mapped to a z/OS user ID more than once. The first correct entry will be used.

System Action: The program continues.

Administrator Response: Examine the contents of the SMB user ID map file and correct any errors found. Reload the SMB user ID map file using the **modify** command: F DFS, SEND DFSKERN,RELOAD,SMBMAP. Additional information about constructing and loading SMB user ID map tables is found in the *z/OS: Distributed File Service SMB Administration*, SC24-5918.

IOEW16027I The z/OS Infoprint Server cannot be initialized.

Severity: svc_c_sev_error

Explanation: The call to the z/OS Infoprint Server API InitAPI failed. The SMB Server is not able to perform print related functions.

System Action: The program continues.

Administrator Response: No further actions are necessary if the SMB Server will not be used to perform print related functions. If the SMB Server is to perform print related functions, use the information provided in the previous message along with information in *z/OS: Infoprint Server Messages and Diagnosis*, G544-5747 to fix the problem. Then, issue the **modify** command to initialize z/OS Infoprint Server: F DFS,SEND DFSKERN,RELOAD,PRINT. Enable the SMB Server for shared printer definitions. Additional information about enabling the server is found in the *z/OS: Distributed File Service SMB Administration*, SC24-5918.

IOEW16028I The z/OS Infoprint Server is successfully initialized.

Severity: svc_c_sev_error

Explanation: The call to the z/OS Infoprint Server API InitAPI was successful. Printing functions can be performed by the SMB Server.

System Action: The program continues.

Administrator Response: None.

IOEW16029A   The z/OS Infoprint Server has no information about printer *printer_name***.**

Severity: svc_c_sev_error

Explanation: A request for the z/OS Infoprint Server to retrieve printer information failed. This may be due to a component of the Infoprint Server not executing.

System Action: The program continues.

Administrator Response: Verify that the printer is identified to the z/OS Infoprint Server, and that the z/OS Infoprint Server is active. Using the **dfsshare** command, enable a shared printer definition for that printer. Additional information about the **dfsshare** command is found in the *z/OS: Distributed File Service SMB Administration*, SC24-5918 and in the *z/OS: Infoprint Server Messages and Diagnosis*, G544-5747.

IOEW16030I   z/OS Infoprint Server encountered an error in processing API *API_name***:** *error_text*

Severity: svc_c_sev_error

Explanation: The requested processing of the z/OS Infoprint Server resulted in an error. This error may be due to a component of the Infoprint Server not executing.

System Action: The program continues.

Administrator Response: Determine whether or not the Infoprint Server is executing properly. Diagnose and correct the problem using the error related information supplied. Additional information about diagnosing the problem is found in *z/OS: Infoprint Server Messages and Diagnosis*, G544-5747.

IOEW16031A   Entry point *api_name* **in the z/OS Infoprint Server DLL was not found:** *query_failure_text*

Severity: svc_c_sev_error

Explanation: Although the z/OS Infoprint Server was found, some of the API entry points cannot be found.

System Action: The program continues. The SMB Server is unable to print.

Administrator Response: Contact your service representative for the z/OS Infoprint Server.

IOEW16032A   SMB: variable *variable_name* **in envar file is incorrect.**

Severity: svc_c_sev_error

Explanation: An incorrect value was specified to the DFS file exporter. The default value will be used instead.

System Action: The program continues.

Administrator Response: Change the variable to specify a correct value. Additional information about the variable is found in the *z/OS: Distributed File Service SMB Administration*, SC24-5918.

IOEW16033I   SMB: variable *variable_name* **is set to** *variable_value***.**

Severity: svc_c_sev_notice

Explanation: The file exporter is using the specified value for the variable. The value is either the value read from the envar file or the default value if the value in the envar file is incorrect or missing.

System Action: The program continues.

Administrator Response: None.

IOEW16034I   z/OS Infoprint Server is not enabled for printing.

Severity: svc_c_sev_notice

Explanation: The z/OS Infoprint Server has not been properly enabled for printing. It cannot be used by the SMB Server.

System Action: The program continues.

Administrator Response: The SMB Server must be properly enabled and reloaded to use the z/OS Infoprint Server. Additional information on properly enabling the print server is found in *z/OS: Infoprint Server Messages and Diagnosis*, G544-5747. Issue the **modify** command: F DFS,SEND DFSKERN,RELOAD,PRINT, to cause the SMB Server to reload the z/OS Infoprint Server DLL. Additional information about enabling the SMB server is found in the *z/OS: Distributed File Service SMB Administration*, SC24-5918.

IOEW16035I   session_start: error *errno* **receiving from** *ip1***.***ip2***.***ip3***.***ip4***.**

Severity: svc_c_sev_notice

Explanation: An error was encountered while attempting to receive data from a PC client. *errno* is the standard errno value received.

System Action: The program continues.

Administrator Response: Additional information about the error can be found in *z/OS: UNIX System Services Messages and Codes*, SA22-7807. In many cases the error requires no action because it represents a client that is powered off or disconnected from the network which is outside the server's control. If the problem continues and the client has not been shut off or disconnected, contact your service representative.

IOEW16036I session_send: write error *errno* **for socket** *socketnum* **from** *ip1*.*ip2*.*ip3*.*ip4*.

Severity: svc_c_sev_notice

Explanation: An error was encountered while attempting to send data to a PC client. *errno* is the standard errno value received.

System Action: The program continues.

Administrator Response: Additional information about the error is found in *z/OS: UNIX System Services Messages and Codes*, SA22-7807. In many cases the error requires no action because it represents a client that is powered off or disconnected from the network which is outside the server's control. If the problem continues and the client has not been shut off or disconnected, contact your service representative.

IOEW16037I session_sendstream: write error *errno* **for socket** *socketnum* **from** *ip1*.*ip2*.*ip3*.*ip4*.

Severity: svc_c_sev_notice

Explanation: An error was encountered while attempting to send data to a PC client. *errno* is the standard errno value received.

System Action: The program continues.

Administrator Response: Additional information about the error is found in *z/OS: UNIX System Services Messages and Codes*, SA22-7807. In many cases the error requires no action because it represents a client that is powered off or disconnected from the network which is outside the server's control. If the problem continues and the client has not been shut off or disconnected, contact your service representative.

IOEW16038I session_sendto: write error *errno* **for socket** *socketnum* **from** *ip1*.*ip2*.*ip3*.*ip4*.

Severity: svc_c_sev_notice

Explanation: An error was encountered while attempting to send data to a PC client. *errno* is the standard errno value received.

System Action: The program continues.

Administrator Response: Additional information about the error is found in *z/OS: UNIX System Services Messages and Codes*, SA22-7807. In many cases the error requires no action because it represents a client that is powered off or disconnected from the network which is outside the server's control. If the problem continues and the client has not been shut off or disconnected, contact your service representative.

IOEW16039I session_receive: read error *errno* **for socket** *socketnum* **from** *ip1*.*ip2*.*ip3*.*ip4*.

Severity: svc_c_sev_notice

Explanation: An error was encountered while attempting to receive data from a PC client. *errno* is the standard errno value received.

System Action: The program continues.

Administrator Response: Additional information about the error is found in *z/OS: UNIX System Services Messages and Codes*, SA22-7807. In many cases the error requires no action because it represents a client that is powered off or disconnected from the network which is outside the server's control. If the problem continues and the client has not been shut off or disconnected, contact your service representative.

IOEW16040I session_receivestream: read error *errno* **for socket** *socketnum* **from** *ip1*.*ip2*.*ip3*.*ip4*.

Severity: svc_c_sev_notice

Explanation: An error was encountered while attempting to receive data from a PC client. *errno* is the standard errno value received.

System Action: The program continues.

Administrator Response: Additional information about the error is found in *z/OS: UNIX System Services Messages and Codes*, SA22-7807. In many cases the error requires no action because it represents a client that is powered off or disconnected from the network which is outside the server's control. If the problem continues and the client has not been shut off or disconnected, contact the service representative.

IOEW16041I ss_handle_stream: read error *errno* **for socket** *socketnum* **from** *ip1*.*ip2*.*ip3*.*ip4*.

Severity: svc_c_sev_notice

Explanation: An error was encountered while attempting to receive data from a PC client. *errno* is the standard errno value received.

System Action: The program continues.

Administrator Response: Additional information about the error is found in *z/OS: UNIX System Services Messages and Codes*, SA22-7807. In many cases the error requires no action because it represents a client that is powered off or disconnected from the network which is outside the server's control. If the problem continues and the client has not been shut off or disconnected, contact the service representative.

IOEW16042A *service***: socket() call for** *type* **port failed, errno=***errno***.**

Severity: svc_c_sev_error

Explanation: An error was encountered while attempting to create the main session socket. *errno* is the standard errno value received.

System Action: The program ends.

Administrator Response: Additional information about the error is found in *z/OS: UNIX System Services Messages and Codes*, SA22-7807. This error is usually due to a configuration problem or a z/OS UNIX problem. If the problem continues, contact your service representative.

IOEW16043A *service***: setsockopt() call for** *type* **port failed, errno=***errno***.**

Severity: svc_c_sev_error

Explanation: An error was encountered while attempting to enable the main session socket for address reuse. *errno* is the standard errno value received.

System Action: The program ends.

Administrator Response: Additional information about the error is found in *z/OS: UNIX System Services Messages and Codes*, SA22-7807. This error is usually due to a configuration problem or a z/OS UNIX problem. If the problem continues, contact your service representative.

IOEW16044A *service***: bind() call for** *type* **port failed, errno=***errno***.**

Severity: svc_c_sev_error

Explanation: An error was encountered while attempting to bind to the main session socket. *errno* is the standard errno value received.

System Action: The program ends.

Administrator Response: Additional information about the error is found in *z/OS: UNIX System Services Messages and Codes*, SA22-7807. This error is usually due to a configuration problem or a z/OS UNIX problem. If the problem continues, contact your service representative.

IOEW16045A *service***: listen() call for** *type* **port failed, errno=***errno***.**

Severity: svc_c_sev_error

Explanation: An error was encountered while attempting to listen on the main session socket. *errno* is the standard errno value received.

System Action: The program ends.

Administrator Response: Additional information about the error is found in *z/OS: UNIX System Services Messages and Codes*, SA22-7807. This error is usually due to a configuration problem or a z/OS UNIX problem. If the problem continues, contact the service representative.

IOEW16046A *service***: accept() call for** *type* **port failed, errno=***errno***.**

Severity: svc_c_sev_error

Explanation: An error was encountered while attempting to accept connections on the main session socket. *errno* is the standard errno value received.

System Action: The program ends.

Administrator Response: Additional information about the error is found in *z/OS: UNIX System Services Messages and Codes*, SA22-7807. This error is usually due to a configuration problem or a z/OS UNIX problem. If the problem continues, contact your service representative.

IOEW16047A **The z/OS Infoprint Server encountered error** *msgnumber* **in routine** *routine_name*

Severity: svc_c_sev_error

Explanation: A call from the SMB Server to an z/OS Infoprint Server API routine caused the Infoprint Server to encounter an unexpected error condition.

System Action: The program ends.

Administrator Response: Use the messages before and after this message along with the *z/OS: Infoprint Server Messages and Diagnosis*, G544-5747 to resolve the problem. Additional information about restarting the SMB Server is found in the *z/OS: Distributed File Service SMB Administration*, SC24-5918.

IOEW16048I **Use smbpw to change your RACF DCE segment password.**

Severity: svc_c_sev_notice

Explanation: This is an OE binary to set/reset your password in the RACF® DCE segment.

System Action: The program continues.

Administrator Response: None.

IOEW16055I **Your password has been updated.**

Severity: svc_c_sev_notice

Explanation: The command was completed successfully.

System Action: The program continues.

Administrator Response: None.

IOEW16056I Incorrect input values. The first password that was specified does not match the second password that was specified.

Severity: svc_c_sev_notice

Explanation: The command did not complete successfully.

System Action: The program continues.

Administrator Response: None.

IOEW16057I Enter Password:

Severity: svc_c_sev_notice

Explanation: The user is prompted for their password.

System Action: The program continues.

Administrator Response: None.

IOEW16058I Re-enter Password:

Severity: svc_c_sev_notice

Explanation: The user is prompted to enter their password again.

System Action: The program continues.

Administrator Response: None.

IOEW16059A Smbpw was unable to update your DCE segment: *S1* = Saf return code, *R1* = Security server return code, *R2* = Security server reason code.

Severity: svc_c_sev_notice

Explanation: The password was not updated.

System Action: The program continues.

Administrator Response: Additional information about the return codes for **RACF** is found in *z/OS: SecureWay Security Server RACF Callable Services*, SA22-7691 under IRRSDK00.

IOEW16060A The OCSF product dll is not available.

Severity: svc_c_sev_notice

Explanation: Check to ensure that OCSF is installed. If the dll exists, check the extattr bits and verify **DFSKERN** environment variable LIBPATH.

System Action: The program ends.

Administrator Response: Additional information about OCSF is found in *z/OS: Open Cryptographic Services Facility Application Programming*, SC24-5899.

IOEW16061A The password is too long, limit password to 14 characters.

Severity: svc_c_sev_notice

Explanation: The password cannot exceed 14 characters.

System Action: The program ends.

Administrator Response: None.

IOEW16062A OCSF failed to initialize: the return code is *S1*.

Severity: svc_c_sev_notice

Explanation: The call to CSSM_Init failed. Verify **DFSKERN** environment variable LIBPATH.

System Action: The program ends.

Administrator Response: Additional information about OCSF is found in *z/OS: Open Cryptographic Services Facility Application Programming*, SC24-5899.

IOEW16063A DFSKERN could not attach the CSSM_ALGID_DES module.

Severity: svc_c_sev_notice

Explanation: One possible cause is that OCSF is not installed.

System Action: The program ends.

Administrator Response: Additional information about OCSF is found in *z/OS: Open Cryptographic Services Facility Application Programming*, SC24-5899.

IOEW16064A Generate key context failed, the return code is *S1*.

Severity: svc_c_sev_notice

Explanation: The call to create a key generation cryptographic context failed. Use the return code to analyze the reason for the failure.

System Action: The program continues.

Administrator Response: Additional information about the return code is found in *z/OS: Open Cryptographic Services Facility Application Programming*, SC24-5899.

IOEW16065A Generate key failed, the return code is *S1*.

Severity: svc_c_sev_notice

Explanation: The call to generate an encryption key failed. If the call is for a hardware generated key, and it is the first call at initialization, you will see a message that hardware encryption is not available. If this occurs, the system will continue using software encryption. If both hardware and software encryption fail, then **DFS**

will shut down. If this message occurs during a client login, **DFS** will not shut down. Hardware encryption will not be available unless it is installed on the processor. Verify that OCSF is completely installed and verify **dfskern** environment variable **LIBPATH**.

System Action: The program continues.

Administrator Response: Additional information about the return code is found in *z/OS: Open Cryptographic Services Facility Application Programming*, SC24-5899.

IOEW16066A Delete key context failed, the return code is *S1***.**

Severity: svc_c_sev_notice

Explanation: The call to remove the key generation context failed. If the first two calls during initialization fail, then **DFS** will shut down. If the call fails during a client login, then the system will continue as long as possible. Analyze the return code to determine the cause of the failure.

System Action: The program continues.

Administrator Response: Additional information about the return code is found in *z/OS: Open Cryptographic Services Facility Application Programming*, SC24-5899.

IOEW16067A Generate symmetric context failed, the return code is *S1***.**

Severity: svc_c_sev_notice

Explanation: The call to generate a symmetric encryption cryptographic context failed. If both the hardware context call and the software context call fail at initialization time, then **DFS** shuts down. If the hardware context call and the software context call fail during a login, then the login fails. Use the return code to analyze the cause of the failure.

System Action: If the failures occur during initialization, the program stops. If the failures occur during a login, the login will fail.

Administrator Response: Additional information about the return code is found in *z/OS: Open Cryptographic Services Facility Application Programming*, SC24-5899.

IOEW16068A Data encryption failed, the return code is *S1***.**

Severity: svc_c_sev_notice

Explanation: Encryption of the data ended unsuccessfully.

System Action: The program continues.

Administrator Response: Additional information about the return code is found in *z/OS: Open*

Cryptographic Services Facility Application Programming, SC24-5899.

IOEW16069A smbinit: gethostname() call failed, errno=*errorcode***.**

Severity: svc_c_sev_error

Explanation: An error was encountered while attempting to obtain the TCPIP hostname. *errorcode* is the standard error code received.

System Action: The program ends.

Administrator Response: Additional information about the error is found in *z/OS: UNIX System Services Messages and Codes*, SA22-7807. This error is usually due to a configuration problem or a z/OS UNIX problem. If the problem continues, contact your service representative.

IOEW16070I smbinit: browse interval *browseInterval* **ms not allowed, set to 720000 ms.**

Severity: svc_c_sev_notice

Explanation: The browse interval *browseInterval* specified for **_IOE_SMB_BROWSE_INTERVAL** in the environment variable file for **dfskern** is not valid. The default value of 720000 ms is used.

System Action: The program continues.

Administrator Response: Update the **_IOE_SMB_BROWSE_INTERVAL** in the envar file for **dfskern** and restart the file exporter. Additional information about the **dfskern** environment variables can be found in the *z/OS: Distributed File Service SMB Administration*, SC24-5918 .

IOEW16071A *service*: ioctl() call for *request* **failed, errno=***errno***.**

Severity: svc_c_sev_error

Explanation: An error was encountered while attempting to retrieve information about the network interfaces on this system. *errno* is the standard errno value received.

System Action: The program ends.

Administrator Response: Additional information about the error is found in *z/OS: UNIX System Services Messages and Codes*, SA22-7807. This error is usually due to a configuration problem or a z/OS UNIX problem. If the problem continues, contact your service representative.

IOEW16072I *service*: ioctl() call for *request* **failed, errno=***errno***.**

Severity: svc_c_sev_notice

Explanation: An error was encountered while

attempting to retrieve information about a specific network interface. *errno* is the standard errno value received.

System Action: The program continues.

Administrator Response: Additional information about the error is found in *z/OS: UNIX System Services Messages and Codes*, SA22-7807. This error is usually due to a configuration problem or a z/OS UNIX problem. If the problem continues, contact your service representative.

IOEW16073A *routine*: **Network interfaces unavailable, rc=***rc***.**

Severity: svc_c_sev_error

Explanation: An error was encountered while attempting to retrieve information about available system network interfaces. *rc* is the return code received from the call.

System Action: The program ends.

Administrator Response: The DFS SMB server uses standard ioctl() calls to identify active network interfaces on the z/OS system. No active network interfaces were identified. This error is usually due to a configuration problem or a z/OS UNIX problem. If the problem continues, contact your service representative.

IOEW16074I *routine*: **Unable to register with** *wins* **WINS server, rc=***rc***.**

Severity: svc_c_sev_notice

Explanation: An error was encountered while attempting to register information with the primary or secondary WINS server. *rc* is the return code received from the call.

System Action: The program continues.

Administrator Response: The DFS SMB server was unable to communicate with the primary or secondary WINS server. Check the **_IOE_SMB_PRIMARY_WINS** and the **_IOE_SMB_SECONDARY_WINS** environmental variables in the envar file for **dfskern**, and make sure they specify the correct IP addresses. Then check the WINS server machines to see that they are fully operational. If the problem continues, contact your service representative.

IOEW16075A *routine*: **Host name registration failed, rc=***rc***.**

Severity: svc_c_sev_error

Explanation: An error was encountered while attempting to register the SMB hostname of the DFS SMB server. *rc* is the return code received from the call.

System Action: The program ends.

Administrator Response: The DFS SMB server was unable to register the currently configured hostname. The hostname is probably in conflict with the name registered for use on another machine in the network. Check the environmental variable **_IOE_SMB_COMPUTER_NAME** in the envar file for **dfskern**, and update it with a non-conflicting hostname. If the problem continues, contact your service representative.

IOEW16076A *service*: **create of** *threadtype* **thread failed, code=***code***.**

Severity: svc_c_sev_error

Explanation: The file exporter cannot create a thread in the SMB service thread pool.

System Action: The program ends.

Administrator Response: This condition may be caused by a lack of memory in the file exporter address space. Increase the region size and restart DFS. If the problem continues, contact the service representative.

IOEW16077I *service*: **errno=***errno* **setting option** *type***.**

Severity: svc_c_sev_notice

Explanation: Error *errno* was encountered while DFS was attempting to set standard socket option *type*.

System Action: The program continues.

Administrator Response: Additional information about the error is found in *z/OS: UNIX System Services Messages and Codes*, SA22-7807. This error is usually due to a configuration problem or a z/OS UNIX problem. If the problem continues, contact your service representative.

IOEW16078A *service*: **Unable to receive data on socket, code=***rc***.**

Severity: svc_c_sev_error

Explanation: An error was encountered while attempting to receive data on the main session socket. *rc* is the standard return code value received.

System Action: The program ends.

Administrator Response: Additional information about the error is found in *z/OS: UNIX System Services Messages and Codes*, SA22-7807. This error is usually due to a configuration problem or a z/OS UNIX problem. If the problem continues, contact your service representative.

IOEW16079I **User** *user* **on client** *client* **did not respond to the callback for file** *file* **within the timeout period.**

Severity: svc_c_sev_notice

Explanation: A callback was issued to the user for an

oplocked file because another user wanted to access the file, but the called back user did not respond within the timeout period specified by **_IOE_SMB_OPLOCK_TIMEOUT** in the environment variable file for **dfskern**. The SMB server will remove the oplock on the file and will not allow the called back user to access the file except to close it. The other user will be granted access to the file.

System Action: The program continues.

Administrator Response: If the delays are caused by a slow network, then increase **_IOE_SMB_OPLOCK_TIMEOUT** in the envar file for **dfskern** and restart **dfskern**. If not, ignore the message because it is normal for some clients to choose not to respond to some oplock callbacks. Additional information about the **dfskern** environment variables can be found in the *z/OS: Distributed File Service SMB Administration*, SC24-5918.

IOEW16080I Hardware encryption is not available, software encryption will be used.

Severity: svc_c_sev_notice

Explanation: Hardware encryption is not available. Software encryption will be used instead.

System Action: The program continues.

Administrator Response: None.

IOEW16081A There is no SMB map table __ and no valid MVS default userid. __ With this combination no one can logon to the SMB server. __ The Server is shutting down. __ Set _IOE_SMB_IDMAP and/or _IOE_MVS_DFSDFLT to valid __ values in DFSKERN's envar file and restart.

Severity: svc_c_sev_error

Explanation: Without a SMB map table and a valid MVS default id, user cannot logon to the SMB server. The Server shuts down.

System Action: The program ends.

Administrator Response: Either set up a SMB ID map table, or define an MVS default user ID or both.

IOEW16082A TCPIP is currently unavailable. Without TCPIP, users are unable to logon to the SMB server. The SMB server is shutting down. Wait until TCPIP is available and then restart DFSKERN using the 'f dfs,start dfskern' command.

Severity: svc_c_sev_error

Explanation: Without TCPIP users cannot logon to the SMB server. The Server shuts down.

System Action: The program ends.

Administrator Response: Wait until TCPIP is available and then restart the dfskern process using 'f dfs,start dfskern'.

IOEW16083I SMB: The OCSF envar value is .*StatusMsg*.

Severity: svc_c_sev_notice

Explanation: This is the value that the OCSF envar is currently set to.

System Action: The program continues.

Administrator Response: None.

IOEW16084I SMB: The OCSF envar value is defaulting to ON.

Severity: svc_c_sev_notice

Explanation: No value was specified so the default value is used.

System Action: The program continues.

Administrator Response: None.

IOEW16085A SMB: The value coded for _IOE_SMB_OCSF is not valid.

Severity: svc_c_sev_error

Explanation: The only two valid values for this variable are ON or OFF.

System Action: The program ends.

Administrator Response: Update the variable in **DFSKERN**'s envar file.

IOEW16086A The primary authentication server *ip1*.*ip2*.*ip3*.*ip4* was not found by gethostbyaddr.

Severity: svc_c_sev_error

Explanation: This ipaddr is not part of your network or it is not in the domain name server. Try pinging the ipaddr and see if it can be found. If the ipaddr is not valid, update the **_IOE_SMB_AUTH_SERVER** to be a valid ipaddr.

System Action: The program ends.

Administrator Response: Update **_IOE_SMB_AUTH_SERVER** in **DFSKERN**'s envar file.

IOEW16087A The backup authentication server .*ip1*.*ip2*.*ip3*.*ip4* was not found by gethostbyaddr.

Severity: svc_c_sev_error

Explanation: This ipaddr is not part of your network or

it is not in the domain name server. Try pinging the ipaddr and see if it can be found. If the ipaddr is not valid, update the **_IOE_SMB_BACKUP_AUTH_SERVER** to be a valid ipaddr.

System Action: The program continues.

Administrator Response: Update **_IOE_SMB_BACKUP_AUTH_SERVER** in **DFSKERN**'s envar file.

IOEW16088I Passthrough Authentication: The primary server is: *s1.* **The backup server is:** *s2.*

Severity: svc_c_sev_notice

Explanation: Passthrough Authentication server values.

System Action: The program continues.

Administrator Response: None.

IOEW16089I If Passthrough Authentication fails for a user, local authentication will be used.

Severity: svc_c_sev_notice

Explanation: This is an informational message at initialization indicating that if Passthrough Authentication doesn't allow a user to log on, an attempt will be made to log the user on with local authentication using RACF.

System Action: The program continues.

Administrator Response: None.

IOEW16090I If Passthrough Authentication fails for a user, local authentication will not be used.

Severity: svc_c_sev_notice

Explanation: This is an informational message at initialization indicating that if Passthrough Authentication doesn't allow a user to log on, an attempt will be made to log the user on with local authentication using RACF.

System Action: The program continues.

Administrator Response: None.

IOEW16091A   SMB: Both Passthrough authentication servers are incorrect.

Severity: svc_c_sev_error

Explanation: Verify that these ip addresses are correct.

System Action: The program ends.

Administrator Response: Update **_IOE_SMB_AUTH_SERVER** and

_IOE_SMB_BACKUP_SERVER in **DFSKERN**'s envar file.

IOEW16092E   Sharename *ShareName* **could not be shared for user** *User* **because path** *Path* **could not be resolved or accessed.**

Severity: svc_c_sev_error

Explanation: The dynamic sharename *ShareName* cannot be shared for user *User* because a component of the path *Path* was not found, a directory could not be accessed, or a filesystem within the path is not mounted or exported.

System Action: The program continues.

Administrator Response: Make sure that all required filesystems are mounted or that you are running with the **_IOE_DYNAMIC_EXPORT** envar turned ON. Also check the path in the smbtab file to see if it can be resolved using the cd command locally within UNIX System Services.

IOEW16093E   Sharename *ShareName* **could not be shared for user** *User.*

Severity: svc_c_sev_error

Explanation: The dynamic sharename *ShareName* cannot be shared for user *User* because of an internal problem within the system.

System Action: The program continues.

Administrator Response: Contact your service representative.

IOEW16094E   Sharename *ShareName* **could not be used because it already has** *MaxUsers* **users connected to it.**

Severity: svc_c_sev_error

Explanation: The maximum number of concurrent users allowed to be connected to sharename *ShareName* has already been reached so an additional user has been denied access.

System Action: The program continues.

Administrator Response: Increase the maximum in the smbtab file, set it to 0, or tell the user to try again later if you really want to limit the use of the share.

IOEW16095I The primary passthrough authentication server status is *status.*

Severity: svc_c_sev_notice

Explanation: Passthrough Authentication primary server status is displayed.

System Action: The program continues.

Administrator Response: None.

IOEW16096I The backup passthrough authentication server status is *status***.**

Severity: svc_c_sev_notice

Explanation: Passthrough Authentication backup server status is displayed.

System Action: The program continues.

Administrator Response: None.

IOEW16097E The input value for the server ipaddr must be 4 dotted decimal numbers.

Severity: svc_c_sev_error

Explanation: The input value for the server ipaddr must be 4 dotted decimal numbers.

System Action: The program continues.

Administrator Response: None.

IOEW16098I The Passthrough socket connection wait timeout value is *number* **seconds.**

Severity: svc_c_sev_notice

Explanation: This is the amount of time DFS will wait for a Passthrough connection before failing.

System Action: The program continues.

Administrator Response: None.

IOEW16099I The Passthrough data wait timeout value is *number* **seconds.**

Severity: svc_c_sev_notice

Explanation: This is the amount of time DFS will wait for Passthrough data before failing.

System Action: The program continues.

Administrator Response: None.

IOEW16100E Both Passthrough Authentication server values are incorrect. Passthrough Authentication is being turned off until valid server values are entered.

Severity: svc_c_sev_error

Explanation: There are no valid servers.

System Action: The program continues.

Administrator Response: Try pinging the servers by name. These values can be modified in **DFSKERN**'s envar file with the variables **_IOE_SMB_AUTH_SERVER** and **IOE_SMB_BACKUP_AUTH_SERVER.**

IOEW16101I The Passthrough Authentication status is *status***.**

Severity: svc_c_sev_notice

Explanation: The values are active or inactive.

System Action: The program continues.

Administrator Response: None.

IOEW16102I Passthrough Authentication: The primary server computer name is: *s1***. The backup server computer name is:** *s2***.**

Severity: svc_c_sev_notice

Explanation: Passthrough Authentication server values.

System Action: The program continues.

Administrator Response: None.

IOEW16103I Passthrough Authentication: The domain name is: *s1***.**

Severity: svc_c_sev_notice

Explanation: Passthrough Authentication domain value.

System Action: The program continues.

Administrator Response: None.

IOEW16104I Passthrough Authentication is not active.

Severity: svc_c_sev_notice

Explanation: Passthrough Authentication is not active. This is okay if it is not expected to be used. If it is expected to be used then it means that the environment variables for Passthrough Authentication were not correctly specified in the **DFSKERN** envar file.

System Action: The program continues.

Administrator Response: If necessary, verify the environment variables for Passthrough Authentication.

IOEW16105E Asynchronous sockets request *Request* **on socket** *socket* **failed with return code** *rc***, reason code** *rsn***.**

Severity: svc_c_sev_error

Explanation: An error occurred while the server issued a request on a communications socket.

System Action: The program continues.

Administrator Response: Additional information about the error is found in *z/OS: UNIX System Services Messages and Codes*, SA22-7807. This error is usually due to a configuration problem or a z/OS UNIX problem.

If the problem continues, contact your service representative.

IOEW16106A   Datagram services recvfrom failed with return code *rc*.

Severity: svc_c_sev_error

Explanation: An error occurred while the server issued a recvfrom request in the datagram services code.

System Action: The program continues.

Administrator Response: Datagram services may be unavailable until the problem is resolved. Check to see if any other messages were issued in conjunction with this one. Additional information about the error is found in *z/OS: UNIX System Services Messages and Codes*, SA22-7807. This error is usually due to a configuration problem or a z/OS UNIX problem. If you can't determine the cause of the problem, contact your service representative.

IOEW16107A   Name services recvfrom failed with return code *rc*.

Severity: svc_c_sev_error

Explanation: An error occurred while the server issued a recvfrom request in the name services code.

System Action: The program continues.

Administrator Response: :Name services may be unavailable until the problem is resolved. Check to see if any other messages were issued in conjunction with this one. Additional information about the error is found in *z/OS: UNIX System Services Messages and Codes*, SA22-7807. This error is usually due to a configuration problem or a z/OS UNIX problem. If you can't determine the cause of the problem, contact your service representative.

IOEW16108A   Session services accept failed with return code *rc*.

Severity: svc_c_sev_error

Explanation: An error occurred while the server issued an accept request in the session services code.

System Action: The program continues.

Administrator Response: Session services may be unavailable until the problem is resolved. Check to see if any other messages were issued in conjunction with this one. Additional information about the error is found in *z/OS: UNIX System Services Messages and Codes*, SA22-7807. This error is usually due to a configuration problem or a z/OS UNIX problem. If you can't determine the cause of the problem, contact your service representative.

IOEW16109I   DFS/SMB cannot enable the specified server.

Severity: svc_c_sev_notice

Explanation: If a server has been disabled because it is not a valid server, then update **_IOE_SMB_AUTH_SERVER** or **_IOE_SMB_BACKUP_AUTH_SERVER** in **DFSKERN**'s envar file. A server is considered not valid if gethostbyaddr does not return a host name.

System Action: The program continues.

Administrator Response: Try pinging the server or update environment variables.

IOEW16112A   Passthrough authentication not allowed because guest bit set when logon failed.

Severity: svc_c_sev_error

Explanation: Passthrough authentication was not used for this logon.

System Action: The program continues.

Administrator Response: None.

IOEW16113A   Passthrough authentication not allowed because one logon without guest but another failed.

Severity: svc_c_sev_error

Explanation: Passthrough authentication was not used for this logon.

System Action: The program continues.

Administrator Response: None.

IOEW16114A   Passthrough authentication not allowed because one logon allowed with guest but another without guest.

Severity: svc_c_sev_error

Explanation: Passthrough authentication was not used for this logon.

System Action: The program continues.

Administrator Response: None.

IOEW16115A   Passthrough authentication not allowed because DC not setting guest bit.

Severity: svc_c_sev_error

Explanation: Passthrough authentication was not used for this logon.

System Action: The program continues.

Administrator Response: None.

IOEW16116A   Passthrough authentication not allowed because DC allowing guests.

Severity: svc_c_sev_error

Explanation: Passthrough authentication was not used for this logon.

System Action: The program continues.

Administrator Response: None.

IOEW16117A   A netbios session request returned *rc.*

Severity: svc_c_sev_error

Explanation: An error occurred attempting to create a netbios session.

System Action: The program continues.

Administrator Response: The most common cause of this type of error is when the computer name of the domain controller computer is incorrect. This value is specified in **DFSKERN**'s envar file in the value for **_IOE_SMB_AUTH_SERVER_COMPUTER_NAME**. Check to see if other errors were issued in conjunction with this one. If the computer name is correct, rebooting the domain controller has been found to fix the problem sometimes. If you cannot determine the cause of the problem, contact your service representative.

IOEW16118A   The primary authentication server ipaddr is: *ip1.ip2.ip3.ip4***. The backup authentication server ipaddr is:** *ip5.ip6.ip7.ip8***.**

Severity: svc_c_sev_error

Explanation: This message displays the passthrough servers ip addresses.

System Action: The program continues.

Administrator Response: None.

IOEW16119E   The machine with IP address *Addr1Addr2Addr3Addr4***could not connect because it already has** *numSessions***sessions open with the server. The maximum allowed is** *maxNumSessions***.**

Severity: svc_c_sev_error

Explanation: The maximum number of concurrent sessions allowed to be connected to the server has already been reached so an additional session could not be created .

System Action: The program continues.

Administrator Response: Increase the maximum by issuing the MODIFY DFS, SEND DFSKERN, SET, MAXSPC, n command or modifying the DFSKERN

envar _IOE_SMB_MAXSPC and restarting the server. Otherwise, examine the workload of the client and modify as needed to reduce the number of sessions that it requires.

IOEW16120I   Each client machine is allowed *maximum* **sessions with the server.**

Severity: svc_c_sev_notice

Explanation: The server will limit the number of concurrent sessions per client machine to the specified maximum.

System Action: The program continues.

Administrator Response: None.

IOEW16121I   The SMB server will not limit the number of concurrent sessions per client machine.

Severity: svc_c_sev_notice

Explanation: The server will not limit the number of concurrent sessions per client machine. The operating system will impose its own limit on the number of open sockets it allows.

System Action: The program continues.

Administrator Response: None.

IOEW16122A   An attempt by the SMB server to connect to the primary domain controller or the backup domain controller failed. Async connect failed with return code *rc* **reason code** *reason***.**

Severity: svc_c_sev_error

Explanation: An error occurred while the server issued a connect request in the session services code.

System Action: The program continues.

Administrator Response: Check to see if any other messages were issued in conjunction with this one. Additional information about the error is found in *z/OS: UNIX System Services Messages and Codes*, SA22-7807. If you cannot determine the cause of the problem, contact your service representative.

IOEW16123A   The SMB server has lost communication with the primary or secondary domain controller.

Severity: svc_c_sev_error

Explanation: An attempt to communicate with this server failed. Some errors may be recoverable and retrying the command may be all that is necessary.

If examining the console log and verifying that the server machine is operational does not resolve the problem contact support.

System Action: The program continues.

Administrator Response: Verify the server machine is operational and retry the command.

IOEW16125E   Malformed request received from socket *socket* **from IP address** *ip1.ip2.ip3.ip4*.

Severity: svc_c_sev_error

Explanation: A request was received from a machine at the specified IP address, and the request was not formed in accordance with RFC 1002, Protocol Standard for a NetBIOS Service on a TCP/UDP Transport: Detailed Specifications. The SMB server cannot process the request.

System Action: The program continues. The socket connection to the machine which sent the malformed request is broken.

Administrator Response: Find the machine which corresponds to the specified IP address and determine if the machine is performing correctly.

IOEW16126E   Request contains incorrect header flags *flags*.

Severity: svc_c_sev_error

Explanation: The part of the request that does not conform to RFC1002 is the flags which are stored in the header. All bits in the flags field must be 0 except for the rightmost bit, which is a length extension bit.

System Action: The program continues. The socket connection to the machine which sent the malformed request is broken.

Administrator Response: Find the machine which corresponds to the specified IP address and determine if the machine is performing correctly.

IOEW116127E   Request contains incorrect header type *type*.

Severity: svc_c_sev_error

Explanation: The part of the request which does not conform to RFC1002 is the type which is stored in the header. The type must be one of the following values:

   x00 Session Messages

   x81 Session Request

   x82 Positive Session Response

   x83 Negative Session Response

   x84 Retarget Session Response

   x85 Session Keep Alive

System Action: The program continues. The socket connection to the machine which sent the malformed request is broken.

Administrator Response: Find the machine that

corresponds to the specified IP address and determine if the machine is performing correctly.

IOEW16128E   Request contains incorrect length *msglen*. **Header type=**type **flags=**flags **length=**hdrlen.

Severity: svc_c_sev_error

Explanation: The part of the request which does not conform to RFC1002 is the length which is stored in the header. The server will not accept a request of size greater than 1024 bytes except for session messages, in which the type field in the header is x00.

System Action: The program continues. The socket connection to the machine which sent the malformed request is broken.

Administrator Response: Find the machine which corresponds to the specified IP address and determine if the machine is performing correctly.

Chapter 16. IOEXnnnnnt Messages - File Exporter (dfsexport)

This chapter contains the messages that may result from the File Exporter (dfsexport) processing.

IOEX18000A Incorrectly formed or incomplete dfstab entry: *LineContents***.**

Severity: svc_c_sev_error

Explanation: An error was encountered while parsing the dfstab file. The contents of the line are shown along with the message.

System Action: The program ends.

Administrator Response: Correct the syntax error in the dfstab file and enter the command again.

IOEX18001A Incorrect aggregate ID on dfstab entry: *LineContents***.**

Severity: svc_c_sev_error

Explanation: The line *LineContents* in the dfstab file contains an incorrect aggregate ID. The aggregate ID must be a valid positive integer.

System Action: The program ends.

Administrator Response: Provide an appropriate aggregate ID and enter the command again.

IOEX18002A Incorrect fileset ID on dfstab entry: *LineContents***.**

Severity: svc_c_sev_error

Explanation: The line *LineContents* in the dfstab file contains an incorrect fileset ID. The fileset ID must be two positive integers separated by double commas, for example: 0,,14.

System Action: The program ends.

Administrator Response: Provide an appropriate fileset ID and issue the command again.

IOEX18003A Dfsexport: Insufficient memory for dfstab file name.

Severity: svc_c_sev_error

Explanation: There is not enough memory to parse the dfstab file.

System Action: The program ends.

Administrator Response: Restart the program with a larger virtual storage size.

IOEX18101A Dfsexport: cannot use both '-all' and '-aggregate'.

Severity: svc_c_sev_error

Explanation: The **dfsexport** program determined that both **'-all'** and **'-aggregate'** were specified on the command line and only one is allowed.

System Action: The program ends.

Administrator Response: Restart the program with valid parameters.

IOEX18102A Dfsexport: can only use '-force' with '-detach.'

Severity: svc_c_sev_error

Explanation: The **dfsexport** program determined that the **'-force'** option was specified but **'-detach'** was not. **'-force'** can only be used if **'detach'** is also specified.

System Action: The program ends.

Administrator Response: Restart the program with valid parameters.

IOEX18103A Dfsexport: Must be root to run this program.

Severity: svc_c_sev_error

Explanation: To run the **dfsexport** program, the user must have root or super-user authority.

System Action: The program ends.

Administrator Response: Restart the program with proper authority.

IOEX18104A Dfsexport: Unable to lock '*DfstabFile***':** **code** *ReturnCode***. Ending.**

Severity: svc_c_sev_error

Explanation: Cannot lock the dfstab file - *DfstabFile*. The return code of the C flock function is provided in *ReturnCode*.

System Action: The program ends.

Administrator Response: Try entering the command again. If the problem continues, try to determine if another user has the file locked.

IOEX18105A Dfsexport: Unable to export any aggregates.

Severity: svc_c_sev_error

Explanation: The user specified the **'-all'** parameter to the **dfsexport**, program but no aggregates were exported.

System Action: The program ends.

Administrator Response: Check the dfstab file to determine if there were any aggregates meeting the criteria on the command line. There may not be any aggregates meeting the criteria.

IOEX18106A Dfsexport: no aggregate for device *aggrId***.**

Severity: svc_c_sev_error

Explanation: The device *aggrId* is not a valid aggregate known to **dfsxeport**. It is not listed in the dfstab file.

System Action: The program ends.

Administrator Response: Verify that the device *aggrId* is listed in the dfstab file and enter the command again.

IOEX18107A Dfsexport: *DeviceName***:***AggrName* **(id** *AggrId***): Already attached: cannot reattach.**

Severity: svc_c_sev_error

Explanation: A request was made to export aggregate *AggrName* when the aggregate was already exported.

System Action: The program ends.

Administrator Response: The aggregate was already exported and the program ended but there may be some aggregates that were not exported. Enter **dfsexport** again specifying those aggregates that were not exported. To see a list of the aggregates already exported, enter **dfsexport** with no other arguments.

IOEX18108A Dfsexport: *DeviceName***:***AggrName* **(id** *AggrId***): Partial duplication with attached aggregate: cannot attach.**

Severity: svc_c_sev_error

Explanation: A request was made to export aggregate *AggrName* but the aggregate name, ID, or block device name partially match an aggregate that is already being exported.

System Action: The program ends.

Administrator Response: Restart **dfsexport** with an aggregate that does not match currently exported aggregates.

IOEX18109A Dfsexport: Unable to attach *DeviceName***:***AggrName* **(***ErrorMsg***). Ignoring request.**

Severity: svc_c_sev_error

Explanation: The aggregate *AggrName* cannot be exported for the reason given in *ErrorMsg*.

System Action: The program continues.

Administrator Response: Try running **dfsexport** again using the error message *ErrorMsg* for guidance.

IOEX18110I Dfsexport: *DeviceName***:***AggrName***: Attached successfully.**

Severity: svc_c_sev_notice

Explanation: The aggregate *AggrName* exported successfully.

System Action: The program continues.

Administrator Response: None.

IOEX18111A Cannot list aggregates: *ErrorMsg***.**

Severity: svc_c_sev_error

Explanation: The program cannot get a list of aggregates being exported by the server.

System Action: The program ends.

Administrator Response: Try issuing the command again. The error message *ErrorMsg* may provide guidance in correcting the problem.

IOEX18112I Attention: Unable to get volId for *DeviceName***; code=***ReturnCode***.**

Severity: svc_c_sev_warning

Explanation: The program cannot get the fileset ID for device *DeviceName*.

System Action: The program continues.

Administrator Response: Try issuing the command again. If the problem continues, contact the service representative.

IOEX18113I Attention: The UFS aggregate *DeviceName* **has** *Number* **filesets.**

Severity: svc_c_sev_warning

Explanation: The UFS aggregate has more than one fileset; only one is allowed.

System Action: The program continues.

Administrator Response: Try issuing the command again. If the problem continues, contact the service representative.

IOEX18114I Dfsexport: *DeviceName, Type, Aggregate, Filesethigh, Fileset-low*

Severity: svc_c_sev_notice

Explanation: A list of currently exported aggregates is displayed.

System Action: The program continues.

Administrator Response: None.

IOEX18115A Dfsexport: Cannot get host name: *ErrorMsg***.**

Severity: svc_c_sev_error

Explanation: **dfsexport** cannot get the host name of the server.

System Action: The program ends.

Administrator Response: Use the information in the error message to correct the problem, then try issuing **dfsexport** again. If the problem continues, contact the service representative.

IOEX18116A Dfsexport: Cannot get host entry: *ErrorMsg***.**

Severity: svc_c_sev_error

Explanation: **dfsexport** cannot get the host entry for the server.

System Action: The program ends.

Administrator Response: Use the information in the error message to correct the problem, then try issuing **dfsexport** again. If the problem continues, contact the service representative.

IOEX18117A Dfsexport: Cannot get cell name: *ErrorMsg***.**

Severity: svc_c_sev_error

Explanation: **dfsexport** cannot get the name of the cell the server belongs to.

System Action: The program ends.

Administrator Response: Use the information in the error message to correct the problem, then try issuing **dfsexport** again. If the problem continues, contact the service representative.

IOEX18118A Dfsexport: Cannot get host name: *ErrorMsg***.**

Severity: svc_c_sev_error

Explanation: **dfsexport** cannot get the principal name of the server.

System Action: The program ends.

Administrator Response: Use the information in the

error message to correct the problem, then try issuing **dfsexport** again. If the problem continues, contact the service representative.

IOEX18119A Dfsexport: Unable to detach *DeviceName***:***AggrName* **(***ErrorMsg***).**

Severity: svc_c_sev_error

Explanation: **dfsexport** encountered an error detaching aggregate *AggrName*.

System Action: The program continues.

Administrator Response: Use the information in the error message to correct the problem, then try issuing **dfsexport** again. If the problem continues, contact the service representative.

IOEX18120A Dfsexport: did not detach any aggregates.

Severity: svc_c_sev_error

Explanation: The **'-detach -all'** options of **dfsexport** were issued but no aggregates were successfully detached. Either there are no currently exported aggregates that meet the other command line criteria, or there were failures detaching the aggregates. If failures occured, this message will be preceded by other messages detailing the error.

System Action: The program ends.

Administrator Response: If there were preceding error messages, then refer to the response section of those messages for recommended action. If not then no aggregates met the criteria for detach, and there is no error.

IOEX18121A Dfsexport: Unable to detach *Aggr***: aggregate not found.**

Severity: svc_c_sev_error

Explanation: The aggregate *Aggr* cannot be detached because it was not attached to the server.

System Action: The program ends.

Administrator Response: Ensure that aggregate was specified correctly; if it was, then no additional action is required.

IOEX18122I Dfsexport: Revoking tokens for filesets on aggregate *AggrId***.**

Severity: svc_c_sev_notice

Explanation: The request to detach aggregate ID *AggrId*, requires that tokens held by clients be revoked.

System Action: The program ends.

Administrator Response: None.

IOEX18123A Dfsexport: Cannot enumerate all filesets.

Severity: svc_c_sev_warning

Explanation: A full list of filesets on the aggregate cannot be obtained because of a request to detach an aggregate.

System Action: The program continues.

Administrator Response: If the detach succeeds then no action is required. If additional messages are presented that detail the problem, consult those messages for an appropriate response.

IOEX18124A Dfsexport: Cannot revoke tokens for fileset

Severity: svc_c_sev_warning

Explanation: The server is unable to revoke all the client tokens in response to a request to detach an aggregate.

System Action: The program continues.

Administrator Response: If the **'-force'** option was specified, no additional action is required because the detach will occur. Otherwise, the command must be entered again, specifying the **'-force'** option to detach the aggregate.

IOEX18125E Dfsexport: Unable to release tokens for fileset.

Severity: svc_c_sev_warning

Explanation: The server is unable to return tokens for a fileset on the aggregate because the aggregate is not attached.

System Action: The program continues.

Administrator Response: Refer to the error messages presented with this one to determine whether or not a response is required.

IOEX18126A Cannot set up dfsexport signal handling.

Severity: svc_c_sev_error

Explanation: Exception handling cannot be initialized for the **dfsexport** program.

System Action: The program continues.

Administrator Response: Contact the service representative.

IOEX18127A Syscall for detach return code is : *syscall_return_code***.**

Severity: svc_c_sev_error

Explanation: The attempt to detach the aggregate failed.

System Action: The program continues.

Administrator Response: Contact the service representative if problem continues.

IOEX18200A Incorrectly formed or incomplete smbtab entry: *LineContents*

Severity: svc_c_sev_error

Explanation: An error was encountered while parsing the smbtab file. The contents of the line are shown along with the message.

System Action: The program ends.

Administrator Response: Correct the syntax error in the smbtab file and enter the command again.

IOEX18201A Incorrect aggregate ID on smbtab entry: *LineContents***.**

Severity: svc_c_sev_error

Explanation: The line *LineContents* in the smbtab file contains an incorrect aggregate ID. The aggregate ID must be a valid positive integer.

System Action: The program ends.

Administrator Response: Provide an appropriate aggregate ID and enter the command again.

IOEX18202A Incorrect fileset ID on smbtab entry: *LineContents***.**

Severity: svc_c_sev_error

Explanation: The line *LineContents* in the smbtab file contains an incorrect fileset ID. The fileset ID must be two positive integers separated by double commas, for example: 0,,14.

System Action: The program ends.

Administrator Response: Provide an appropriate fileset ID and enter the command again.

IOEX18203A Dfsexport: Insufficient memory for smbtab file name.

Severity: svc_c_sev_error

Explanation: There is not enough memory to parse the smbtab file.

System Action: The program ends.

Administrator Response: Restart the program with a larger virtual storage size.

IOEX18204A Dfsexport: Error opening file: smbtab.

Severity: svc_c_sev_error

Explanation: The **/opt/dfslocal/var/dfs/smbtab** file cannot be found.

System Action: The program ends.

Administrator Response: Correct the problem and reissue command.

IOEX18205A Cannot list shares: *ErrorMsg***.**

Severity: svc_c_sev_error

Explanation: The program cannot get a list of the sharenames being shared by the server.

System Action: The program ends.

Administrator Response: Try issuing the command again. The error message *ErrorMsg* may provide guidance in correcting the problem.

IOEX18206A Cannot list shares: *ErrorMsg***.**

Severity: svc_c_sev_error

Explanation: The program cannot get a list of the file systems being shared by the server.

System Action: The program ends.

Administrator Response: Try issuing the command again. The error message *ErrorMsg* may provide guidance in correcting the problem.

IOEX18207A Dfsshare: no sharename *mntp* **found in smbtab.**

Severity: svc_c_sev_error

Explanation: The sharename *mntp* is not a valid file system known to the **dfsshare** program. It is not listed in the smbtab file.

System Action: The program ends.

Administrator Response: Verify that the sharename *mntp* is listed in the smbtab file and enter the command again.

IOEX18208A Dfsshare: *ShareName***: Already shared, cannot reshare.**

Severity: svc_c_sev_error

Explanation: A request was made to share file system *ShareName* when the file system was already shared.

System Action: The program ends.

Administrator Response: The file system was already shared and the program ended but there may be some aggregates that were not exported. Enter the **dfsshare** command again, specifying those share names that were not shared. To see a list of the file

systems already shared, enter the **dfsshare** command with no arguments.

IOEX18209A Dfsshare: Unable to unshare *Share***: share not found.**

Severity: svc_c_sev_error

Explanation: The share *Share* cannot be unshared because it was not previously shared.

System Action: The program ends.

Administrator Response: Ensure that **-sharename** was specified correctly; if it was, then no additional action is required.

IOEX18210I Dfsexport: *DeviceName***:***AggrName***: Attached successfully.**

Severity: svc_c_sev_notice

Explanation: The aggregate *AggrName* exported successfully.

System Action: The program continues.

Administrator Response: None.

IOEX18211A Dfsshare: did not unshare any filesystems.

Severity: svc_c_sev_error

Explanation: The **'-detach -all'** options of the **dfsshare** command were specified, but there were no file systems unshared successfully. Either there are no currently shared file systems that meet the other command line criteria, or there were failures unsharing them. If failures occured, this message will be preceded by other messages detailing the error.

System Action: The program ends.

Administrator Response: If there were preceding error messages, refer to the response section of those messages for the recommended action. If there were no preceding messages, then no shares met the detach criteria and an error does not exist.

IOEX18212A Dfsshare: Incorrect type: *Type* **specified.**

Severity: svc_c_sev_error

Explanation: The **'-type'** parameter specified to the **dfsshare** command must be UFS or PRT.

System Action: The program ends.

Administrator Response: Check the command line input and correct the data if necessary.

IOEX18215I Dfsshare:

Severity: svc_c_sev_notice

Explanation: A list of currently shared filesystems is displayed.

System Action: The program continues.

Administrator Response: None.

IOEX18217I Sharename *ShareName* **on device**
               DeviceName **shared successfully.**

Severity: svc_c_sev_notice

Explanation: The netname *ShareName* was shared successfully.

System Action: The program continues.

Administrator Response: None.

IOEX18218A Sharename *ShareName* **has already**
               been shared.

Severity: svc_c_sev_error

Explanation: The sharename *ShareName* cannot be shared because it is already shared.

System Action: The program continues.

Administrator Response: Check the smbtab file for duplicates.

IOEX18219A Sharename *ShareName* **could not be**
               shared.

Severity: svc_c_sev_error

Explanation: The sharename *ShareName* cannot be shared due to an error within the system.

System Action: The program continues.

Administrator Response: Check the smbtab file for duplicates.

IOEX18220I Sharename *ShareName* **on device**
               DeviceName **detached successfully.**

Severity: svc_c_sev_notice

Explanation: The sharename *ShareName* was detached successfully.

System Action: The program continues.

Administrator Response: None.

IOEX18221A Sharename *ShareName* **cannot be**
               found.

Severity: svc_c_sev_error

Explanation: The sharename *ShareName* cannot be detached because it is not already shared.

System Action: The program continues.

Administrator Response: Look at the list of current shares.

IOEX18222A Sharename *ShareName* **cannot be**
               detached.

Severity: svc_c_sev_error

Explanation: The sharename *ShareName* cannot be detached due to an error within the system.

System Action: The program continues.

Administrator Response: Look at the list of current shares.

IOEX18223A Sharename *ShareName* **cannot be**
               shared because path *Path* **does not**
               exist on device *DeviceName***.**

Severity: svc_c_sev_error

Explanation: The sharename *ShareName* cannot be shared because the path specified in the smbtab file, *Path*, does not exist on the device, *DeviceName*.

System Action: The program continues.

Administrator Response: Fix the smbtab file so that the path is valid.

IOEX18224I Dfsexport: *DeviceName***:***AggrName***:**
               Detached successfully.

Severity: svc_c_sev_notice

Explanation: The aggregate *AggrName* detached successfully.

System Action: The program continues.

Administrator Response: None.

IOEX18225A Sharename *ShareName* **cannot be**
               shared because SMB services are not
               on.

Severity: svc_c_sev_error

Explanation: The sharename *ShareName* cannot be shared because the _IOE_PROTOCOL_SMB environment variable was not set to ON in the dfskern envar file.

System Action: The program continues.

Administrator Response: Set _IOE_PROTOCOL_SMB=ON in /opt/dfslocal/home/dfskern/envar and restart DFS.

IOEX18226A Aggregate *DeviceName***:***AggrName* **(id**
*AggrId***) already defined.**

Severity: svc_c_sev_error

Explanation: In the definition of aggregate *AggrName*
in /opt/dfslocal/var/dfs/dfstab, the aggregate ID specified
is already defined.

System Action: The program ends.

Administrator Response: Correct the aggregate
definitions in /opt/dfslocal/var/dfs/dfstab and restart DFS.

IOEX18227A Dfsexport: Unable to query
*DeviceName***:***AggrName* **(***ErrorMsg***).**

Severity: svc_c_sev_error

Explanation: The aggregate *AggrName* cannot be
queried for the reason given in *ErrorMsg*.

System Action: The program ends.

Administrator Response: Try restarting DFS using
the error message *DeviceName* for guidance.

IOEX18228I Aggregate: *DeviceName***:***AggrName***:**
Queried successfully.

Severity: svc_c_sev_notice

Explanation: The aggregate *AggrName* is queried
successfully.

System Action: The program continues.

Administrator Response: None.

IOEX18229A Thread creation for dynamic fileset
exporting failed: error code *error_code***.**

Severity: svc_c_sev_error

Explanation: The attempt to create a thread to
communicate with the Fileset Location Database
(managed by the FLSERVER) ended with the specified
error code in the message.

System Action: The program ends.

Administrator Response: Determine the cause of the
error and fix the problem. Restart the DFSKERN
process.

IOEX18230A Fileset name *aggrid* **for aggregate id**
filesetname **does not match file system**
name *filesystemname***.**

Severity: svc_c_sev_error

Explanation: In order to run with
DFSKERNenvironment variable
_IOE_DYNAMIC_EXPORT=ON, the fileset name in the
FLDB must be set to the file system name defined in
the devtab and dfstab entries for this file system. This
can also occur if the fileset id in the FLDB does not

match the fileset id in the dfstab.

System Action: The program ends.

Administrator Response: Determine the cause of the
error and fix the problem. Restart the **DFSKERN**
process.

IOEX18231I Volume ID *high_volid***,,***low_volid* **already**
used for volume *fileset1***, it cannot be**
used for *fileset2***.**

Severity: svc_c_sev_notice

Explanation: While processing dfstab entries, it has
been determined that a volume ID is being used twice.
This is not allowed. The filesets specified in the
message text are the ones that have the duplicate
volume IDs. The second one will be ignored.

System Action: The program continues.

Administrator Response: Determine the cause of the
error and correct the problem. DFS/SMB considers the
fileset in error to be the second one listed in the
message. Any changes to the dfstab should be made
with this second fileset definition.

IOEX18232A Share name contains illegal
characters: *ShareName*

Severity: svc_c_sev_error

Explanation: Illegal characters were encountered
while parsing the share name. The share name is
shown along with the message.

System Action: The program ends.

Administrator Response: Choose another share
name in the smbtab file and enter the command again.

IOEX18233I Fileset name *fileset_name* **already used**
with fileset id *high_volid***,,***low_volid***, it**
cannot be used with *fileset1***,,***fileset2***.**

Severity: svc_c_sev_notice

Explanation: While processing dfstab and devtab
entries, it has been determined that a volume name is
being used twice. This is not allowed. The filesets IDs
specified in the message text are the ones that have the
duplicate volume names. The second one will be
ignored.

System Action: The program continues.

Administrator Response: Determine the cause of the
error and correct the problem. DFS/SMB considers the
fileset in error to be the second one listed in the
message. Any changes to the dfstab or devtab should
be made with this second fileset definition.

IOEX18234I **Variable** *variable_name* **is set to** *variable_value*.

Severity: svc_c_sev_notice

Explanation: The file exporter is using the specified value for the variable. The value is either the value read from the envar file or the default value if the value in the envar file is incorrect or missing.

System Action: The program continues.

Administrator Response: None.

IOEX18500A fxd: cannot get the local cell name: *StatusMsg*.

Severity: svc_c_sev_error

Explanation: The DFS file exporter cannot get the local cell name using the DCE/MVS **dce_cf_get_cell_name** function call.

System Action: The program ends.

Administrator Response: Additional information about the meaning of the status message and the appropriate response can be found in *z/OS: DCE Messages and Codes*, SC24-5912.

IOEX18501A fxd: cannot get the DFS junction name for cell *CellName*: *StatusMsg*.

Severity: svc_c_sev_error

Explanation: The DFS file exporter cannot get the name of the file system junction. By default this is usually '/.../<cellname>/fs' but it could have been changed during the installation.

System Action: The program ends.

Administrator Response: Additional information about the meaning of the status message and the appropriate response can be found in *z/OS: DCE Messages and Codes*, SC24-5912.

IOEX18502I fxd: trying to connect CDS (*SleepSeconds* **).**

Severity: svc_c_sev_notice

Explanation: The DFS file exporter is unable to determine the network location of the fileset location servers in the cell. It is waiting *SleepSeconds* seconds before it tries again to get this information. This is usually done when the file exporter considers the cause of the problem to be a down CDS server.

System Action: The program continues.

Administrator Response: None.

IOEX18503A fxd: ubik client initialization ended in error for server *Junction*: **(** *StatusMsg* **).**

Severity: svc_c_sev_error

Explanation: The DFS file exporter is unable to determine the network location of the fileset location servers in the cell.

System Action: The program ends.

Administrator Response: Additional information about the meaning of the status message and the appropriate response can be found in *z/OS: DCE Messages and Codes*, SC24-5912.

IOEX18504A fxd: cannot get object uuid for server *Junction*: **(** *StatusMsg* **).**

Severity: svc_c_sev_error

Explanation: The DFS file exporter is unable to get the object UUID associated with the filesystem junction in the namespace.

System Action: The program continues.

Administrator Response: Additional information about the meaning of the status message and the appropriate response can be found in *z/OS: DCE Messages and Codes*, SC24-5912.

IOEX18505I fxd: Attention, using null UUID for the object ID.

Severity: svc_c_sev_warning

Explanation: The DFS file exporter is unable to get the object uuid associated with the filesystem junction in the namespace and is using a null UUID by default.

System Action: The program continues.

Administrator Response: None.

IOEX18506A fxd: incorrect binding number *Index* **for** *Junction*: *StatusMsg*.

Severity: svc_c_sev_error

Explanation: The DFS file exporter is unable to convert an RPC binding handle for a fileset location server to a socket address.

System Action: The program ends.

Administrator Response: Additional information about the meaning of the status message and the appropriate response can be found in *z/OS: DCE Messages and Codes*, SC24-5912.

IOEX18507A fxd: cannot get the local host name: *StatusMsg***.**

Severity: svc_c_sev_error

Explanation: The DFS file exporter is unable to obtain the host name of the machine that the file exporter is running on. Specifically, the **DCE dce_cf_get_host_name** function failed.

System Action: The program ends.

Administrator Response: Additional information about the meaning of the status message and the appropriate response can be found in *z/OS: DCE Messages and Codes*, SC24-5912.

IOEX18508A fxd: principal name buffer too small.

Severity: svc_c_sev_error

Explanation: The DFS file exporter obtained the host name of the local machine and found that the name was longer than the internal buffer used to hold the name.

System Action: The program ends.

Administrator Response: Contact the service representative.

IOEX18509A fxd: mainprocs must be an integer greater than 0.

Severity: svc_c_sev_error

Explanation: The value for the **-mainprocs** parameter must be an integer greater than zero.

System Action: The program ends.

Administrator Response: Restart the DFS file exporter with a valid value for the **-mainprocs** parameter.

IOEX18510A fxd: tokenprocs must be an integer greater than 0.

Severity: svc_c_sev_error

Explanation: The value specified for the **-tokenprocs** parameter must be an integer greater than zero.

System Action: The program ends.

Administrator Response: Restart the DFS file exporter with a valid value for the **-tokenprocs** parameter.

IOEX18511A fxd: hostrpc must be an integer greater than 0.

Severity: svc_c_sev_error

Explanation: The value specified for the **-hostrpc** parameter must be an integer greater than zero.

System Action: The program ends.

Administrator Response: Restart the DFS file exporter with a valid value for the **-hostrpc** parameter.

IOEX18512A fxd: hostlife must be an integer greater than 0.

Severity: svc_c_sev_error

Explanation: The value specified for the **-hostlife** parameter must be an integer greater than zero.

System Action: The program ends.

Administrator Response: Restart the DFS file exporter with a valid value for the **-hostlife** parameter.

IOEX18513I fxd: Attention, -hostlife increases *String* **to** *NewValue***.**

Severity: svc_c_sev_warning

Explanation: The value specified for the **-hostlife** parameter was less than the **-hostrpc** or **-maxrpc** parameter. **-hostlife** must be greater than or equal to these parameters but the file exporter has increased the value of **-hostrpc** or **-maxrpc** to equal the **-hostlife** value.

System Action: The program continues.

Administrator Response: None.

IOEX18514A fxd: pollinterval must be an integer greater than 0.

Severity: svc_c_sev_error

Explanation: The value specified for the **-pollinterval** parameter must be greater than zero.

System Action: The program ends.

Administrator Response: Restart the DFS file exporter with a valid value for the **-pollinterval** parameter.

IOEX18515A fxd: maxrpc must be an integer greater than 0.

Severity: svc_c_sev_error

Explanation: The value specified for the **-maxrpc** parameter must be an integer greater than zero.

System Action: The program ends.

Administrator Response: Restart the DFS file exporter with a valid value for the **-maxrpc** parameter.

IOEX18516A fxd: hostrpc (*hostrpc***) must be less than or equal to maxrpc (***maxrpc***).**

Severity: svc_c_sev_error

Explanation: The **-hostrpc** parameter must be less

than or equal to the **-maxrpc** parameter.

System Action: The program ends.

Administrator Response: Restart the DFS file exporter with a value for the **-hostrpc** parameter that is less than or equal to the **-maxrpc** value.

IOEX18517I   fxd: Attention, -maxrpc decreases -hostrpc to *NewValue***.**

Severity: svc_c_sev_warning

Explanation: The value specified for **-maxrpc** was less than the **-hostrpc** default value. **-maxrpc** must be greater than or equal to the **-hostrpc** parameter but the file exporter has decreased the value of **-hostrpc** to equal **-maxrpc**.

System Action: The program continues.

Administrator Response: None.

IOEX18518I   fxd: Attention, -hostrpc increases -maxrpc to *NewValue***.**

Severity: svc_c_sev_warning

Explanation: The value specified for **-hostrpc** was greater than the **-maxrpc** default value. **-maxrpc** must be greater than or equal to the **-hostrpc** parameter but the file exporter has increased the value of **-maxrpc** to equal **-hostrpc**.

System Action: The program continues.

Administrator Response: None.

IOEX18519A fxd: maxlife must be an integer greater than 0.

Severity: svc_c_sev_error

Explanation: The value specified for the **-maxlife** parameter must be an integer greater than zero.

System Action: The program ends.

Administrator Response: Restart the DFS file exporter with a valid value for the **-maxlife** parameter.

IOEX18520A fxd: hostlife (*hostlife***) must be less than or equal to maxlife (***maxlife***).**

Severity: svc_c_sev_error

Explanation: The **-hostlife** parameter must be less than or equal to the **-maxlife** parameter.

System Action: The program ends.

Administrator Response: Restart the DFS file exporter with a value for the **-hostlife** parameter that is less than or equal to the **-maxlife** value.

IOEX18521I   fxd: Attention, -maxlife decreases -hostlife to *NewValue***.**

Severity: svc_c_sev_warning

Explanation: The value specified for **-hostlife** was greater than the **-maxlife** default value. **-maxlife** must be greater than or equal to the **-hostlife** parameter but the file exporter has increased the value of **-maxlife** to equal **-hostlife**.

System Action: The program continues.

Administrator Response: None.

IOEX18522I   fxd: Attention, -maxlife increases -maxrpc to *NewValue***.**

Severity: svc_c_sev_warning

Explanation: The value specified for **-maxlife** was greater than the **-maxrpc** default value. **-maxrpc** must be greater than or equal to the **-maxlife** parameter but the file exporter has increased the value of **-maxrpc** to equal **-maxlife**.

System Action: The program continues.

Administrator Response: None.

IOEX18523I   fxd: Attention, -hostlife increases -maxlife to *NewValue***.**

Severity: svc_c_sev_warning

Explanation: The value specified for **-hostlife** was greater than the **-maxlife** default value. **-maxlife** must be greater than or equal to the **-hostlife** parameter but the file exporter has increased the value of **-maxlife** to equal **-hostlife**.

System Action: The program continues.

Administrator Response: None.

IOEX18524A fxd: hostlife (*hostlife***) must be less than or equal to hostrpc (***hostrpc***).**

Severity: svc_c_sev_error

Explanation: The **-hostlife** parameter must be less than or equal to the **-hostrpc** parameter.

System Action: The program ends.

Administrator Response: Restart the DFS file exporter with a value for the **-hostlife** parameter that is less than or equal to the **-hostrpc** value.

IOEX18525A fxd: maxlife (*maxlife***) must be less than or equal to maxrpc (***maxrpc***).**

Severity: svc_c_sev_error

Explanation: The **-maxlife** parameter must be less than or equal to the **-maxrpc** parameter.

System Action: The program ends.

Administrator Response: Restart the DFS file exporter with a value for the **-maxlife**parameter that is less than or equal to the **-maxrpc**value.

IOEX18526A fxd: cannot get the system administration group ID: *StatusMsg***.**

Severity: svc_c_sev_error

Explanation: The DFS file exporter cannot obtain the system administrator group ID. Specifically, the DCE **sec_rgy_pgo_name_to_id** function failed.

System Action: The program ends.

Administrator Response: Additional information about the meaning of the status message and the appropriate response can be found in *z/OS: DCE Messages and Codes*, SC24-5912.

IOEX18528A fxd: cannot get the local cell uuid *StatusMsg***.**

Severity: svc_c_sev_error

Explanation: The DFS file exporter cannot obtain the UUID of the local cell because the DCE **sec_id_parse_name** function failed.

System Action: The program ends.

Administrator Response: Additional information about the meaning of the status message and the appropriate response can be found in *z/OS: DCE Messages and Codes*, SC24-5912.

IOEX18529I fxd: calling PXOP_PUTKEYS.

Severity: svc_c_sev_notice

Explanation: The DFS file exporter is calling the **PXOP_PUTKEYS** function for file exporter initialization. This function sets some of the security information needed by the file exporter.

System Action: The program continues.

Administrator Response: None.

IOEX18530I fxd: calling PXOP_INITHOST, cellname=*CellName***.**

Severity: svc_c_sev_notice

Explanation: The DFS file exporter is calling the **PXOP_INITHOST** function for file exporter initialization. This function initializes the fshost component of the file exporter which is responsible for security checking incoming RPCs to the file exporter.

System Action: The program continues.

Administrator Response: None.

IOEX18531I fxd: call *mainprocs* **FX services and** *tokenprocs* **Token services.**

Severity: svc_c_sev_notice

Explanation: The DFS file exporter is initializing the AFS4INT interface to receive incoming RPCs from clients. *mainprocs* threads will be used to handle incoming RPCs on the primary interface, and *tokenprocs* threads will be used to handle incoming RPCs on the secondary interface. The secondary interface is used to handle requests initiated using token revokes.

System Action: The program continues.

Administrator Response: None.

IOEX18532A fxd: unable to start the FX Server.

Severity: svc_c_sev_error

Explanation: The DFS file exporter cannot set up the primary and secondary RPC thread pools.

System Action: The program ends.

Administrator Response:

IOEX18533A fxd: unable to register binding (*%1$s***) with rpcd (code** *%2$d***).**

Severity: svc_c_sev_error

Explanation: The DFS file exporter cannot register the AFS4INT interface with the RPC runtime; *%2$d* is a DCE status code.

System Action: The program ends.

Administrator Response: Additional information about the meaning of the status message and the appropriate response can be found in *z/OS: DCE Messages and Codes*, SC24-5912.

IOEX18534I fxd: registered FX server with the rpcd daemons.

Severity: svc_c_sev_notice

Explanation: The DFS file exporter successfully registered the AFS4INT interface with the RPC runtime.

System Action: The program continues.

Administrator Response: None.

IOEX18535A fxd: unable to create a multi-thread pool for FX server.

Severity: svc_c_sev_notice

Explanation: The DFS file exporter cannot set up the primary thread pool to listen on the AFS4INT interface. The DCE **rpc_server_listen** function may have failed.

System Action: The program ends.

Administrator Response: This message may have been preceded by other messages detailing the reason for the error. If the cause cannot be determined, contact the service representative.

IOEX18536I fxd: starting host GC thread.

Severity: svc_c_sev_notice

Explanation: The DFS file exporter is starting the thread that performs various garbage collection tasks for the file exporter.

System Action: The program continues.

Administrator Response: None.

IOEX18537I fxd: created thread *ThreadId* **to do FX Garbage Collection.**

Severity: svc_c_sev_notice

Explanation: The DFS file exporter created thread *ThreadId* to perform various garbage collection tasks for the file exporter.

System Action: The program continues.

Administrator Response: None.

IOEX18538A fxd: cannot bind to registry site: *StatusMsg***.**

Severity: svc_c_sev_error

Explanation: The DFS file exporter cannot bind to the registry site because the DCE **sec_rgy_site_open** function failed.

System Action: The program ends.

Administrator Response: Additional information about the meaning of the status message and the appropriate response can be found in *z/OS: DCE Messages and Codes*, SC24-5912.

IOEX18539A fxd: ``Level**'' is not a legal value for minlocalprotect.**

Severity: svc_c_sev_error

Explanation: The DFS file exporter cannot use the value provided for the *-minlocalprotect* level.

System Action: The program ends.

Administrator Response: Provide a correct *-minlocalprotectlevel*

IOEX18540A fxd: ``Level**'' is not a legal value for maxlocalprotect.**

Severity: svc_c_sev_error

Explanation: The DFS file exporter cannot use the value provided for the *-maxlocalprotect* level.

System Action: The program ends.

Administrator Response: Provide a correct *-maxlocalprotectlevel*.

IOEX18541A fxd: ``Level**'' is not a legal value for minremoteprotect.**

Severity: svc_c_sev_error

Explanation: The DFS file exporter cannot use the value provided for the *-minremoteprotect* level.

System Action: The program ends.

Administrator Response: Provide a correct *-minremoteprotect*.

IOEX18542A fxd: ``Level**'' is not a legal value for maxremoteprotect.**

Severity: svc_c_sev_error

Explanation: The DFS file exporter cannot use the value provided for the *-maxremoteprotect* level.

System Action: The program ends.

Administrator Response: Provide a correct *-maxremoteprotect*.

IOEX18543A fxd: minlocalprotect (Level1**) must be no larger than maxlocalprotect (**Level2**).**

Severity: svc_c_sev_error

Explanation: The minimum protect level is greater than the maximum protect level.

System Action: The program ends.

Administrator Response: Provide a correct value for the minimum and maximum protect levels.

IOEX18544A fxd: minremoteprotect (Level1**) must be no larger than maxremoteprotect (**Level2**).**

Severity: svc_c_sev_error

Explanation: The minimum protect level is greater than the maximum protect level.

System Action: The program ends.

Administrator Response: Provide a correct value for the minimum and maximum protect levels.

Chapter 17. IOEZnnnnnt Messages - zFS Messages

This chapter contains the messages that may result from zFS processing.

IOEZ00001E zFS I/O error *error* **occurred for aggregate** *aggregate*

Severity: svc_c_sev_error

Explanation: A physical I/O error occurred on aggregate *aggregate*. Additional messages are provided that give more information about the error. If the error occurred with file system metadata, the zFS kernel will terminate.

System Action: The program continues.

Administrator Response: Determine if there is a real hardware error. If there is, then take steps to correct the problem. Otherwise, contact your service representative.

IOEZ00002E MMRE error id=*id* **cis=***count* **if=***inflags* **of=***outflags* **buf=***buffer* **CI=***ci*

Severity: svc_c_sev_error

Explanation: This message documents additional information about a physical I/O error that occurred on a zFS aggregate. This information is intended for IBM service personnel, and is used to provide more information on the details of the I/O error.

System Action: The program continues.

Administrator Response: Determine if there is a real hardware error. If there is, then take steps to correct the problem. Otherwise, contact your service representative.

IOEZ00003E While opening minor device *minor_number*, **could not open dataset** *dataset_name*.

Severity: svc_c_sev_error

Explanation: The device driver cannot open a zFS aggregate.

System Action: The program continues.

Administrator Response: Verify that the named dataset exists and is accessible.

IOEZ00004I Loading dataset '*dataset_name***'.**

Severity: svc_c_sev_notice

Explanation: The zFS device driver encountered an unformatted aggregate and is loading it.

System Action: The program continues.

IOEZ00005I Dataset '*dataset_name***' loaded successfully.**

Severity: svc_c_sev_notice

Explanation: The device driver has finished loading the named aggregate.

System Action: The program continues.

IOEZ00006E Error *ErrorCode* **occurred while loading dataset '***dataset_name***'.**

Severity: svc_c_sev_error

Explanation: An error occurred while the device driver was loading the named linear dataset.

System Action: The program continues.

Administrator Response: Verify that the dataset exists and that the application can write to it.

IOEZ00007A zFS kernel unable to set up to receive Operator commands.

Severity: svc_c_sev_fatal

Explanation: The program was not able to setup to receive MODIFY commands from the operator.

System Action: The program continues.

Administrator Response: Contact your service representative.

IOEZ00008E *ProgName*: **Unable to open debug parameter dataset '***ParmFile***'.**

Severity: svc_c_sev_error

Explanation: The *ProgName* program was not able to open the zFS debug parameter dataset. Default values will be used for zFS debugging parameters.

System Action: The program continues.

Administrator Response: Ensure the *ParmFile* dataset exists and that the *ProgName* program has read dataset authority to it. If the problem continues, contact your service representative.

IOEZ00009I *ProgName*: **Using default values for zFS debug parameters.**

Severity: svc_c_sev_notice

Explanation: The *ProgName* program is using default values for zFS debug parameters.

System Action: The program continues.

Administrator Response: None.

IOEZ00010A *ProgName***: Incorrect parameter record** '*BadRecord*' **is ignored.**

Severity: svc_c_sev_fatal

Explanation: The *ProgName* program found an incorrect record in the zFS debug parameters dataset.

System Action: The program ends.

Administrator Response: Correct the record and start *ProgName* again.

IOEZ00011A *ProgName***: Operand must be numeric (***BadArg***).**

Severity: svc_c_sev_fatal

Explanation: The *ProgName* program found a non-numeric value specified for a numeric operand.

System Action: The program ends.

Administrator Response: Specify a numeric value and start *ProgName* again.

IOEZ00012A *ProgName***: *BadArg* exceeds maximum value** *MaxValue***.**

Severity: svc_c_sev_fatal

Explanation: The *ProgName* program found a numeric operand that was too large.

System Action: The program ends.

Administrator Response: Ensure that the operand *BadArg* is not larger than the *MaxValue* and restart *ProgName*.

IOEZ00013A *ProgName***: Operand must be string (***BadArg***).**

Severity: svc_c_sev_fatal

Explanation: The *ProgName* program found a missing string operand.

System Action: The program ends.

Administrator Response: Ensure the *BadArg* operand is specified and restart *ProgName*.

IOEZ00014A *ProgName***: *BadArg* exceeds max string length** *Maxlen***.**

Severity: svc_c_sev_fatal

Explanation: The *ProgName* program found a string operand that is too long.

System Action: The program ends.

Administrator Response: Ensure the *BadArg*

operand string is not greater than *Maxlen* and restart *ProgName*.

IOEZ00015A *ProgName***: Partition start list** '*BadArg*' **not delimited by parentheses.**

Severity: svc_c_sev_fatal

Explanation: The *ProgName* program found a syntax error in operand *BadArg* in the zFS debug parameter dataset.

System Action: The program ends.

Administrator Response: Ensure the *BadArg* operand string is delimited by parentheses and restart *ProgName*.

IOEZ00016I *ProgName***: Modify complete for** *Parameter Value***.**

Severity: svc_c_sev_notice

Explanation: The *ProgName* program has successfully set the value of the program parameter *Parameter* to *Value*.

System Action: The program continues.

Administrator Response: None.

IOEZ00017A *ProgName***: Incorrect parameter debug record** '*BadRecord*'**.**

Severity: svc_c_sev_fatal

Explanation: The *ProgName* program found a syntax error in ioedebug record *BadRecord*.

System Action: The program ends.

Administrator Response: Correct the error in the ioedebug record and restart *ProgName*.

IOEZ00018A *ProgName***: Incorrect parameter** *BadParameter***.**

Severity: svc_c_sev_fatal

Explanation: The *ProgName* program found an incorrect parameter *BadParameter* in the zFS debug parameters dataset.

System Action: The program ends.

Administrator Response: Specify a valid parameter and restart *ProgName*.

IOEZ00019E *ProgName***: Parameter** *Parameter* **is not valid for modify command** *CommandName***.**

Severity: svc_c_sev_error

Explanation: The specified parameter *Parameter* is not valid for the *CommandName* command.

System Action: The program continues.

Administrator Response: Additional information about the syntax of the *CommandName* command is found in the *z/OS: Distributed File Service zSeries File System Administration*, SC24-5989 .

IOEZ00020I *progname*: *prodname featurename* **Version** *ver*.*rel*.*mod* **Service Level** *slv*. **Created on** *date*.

Severity: svc_c_sev_notice

Explanation: This message is issued when the level of zFS is queried using the QUERY command. The system returns the product name, feature name, version, release, modlevel, service level and creation date of the zFS program.

System Action: The program continues.

IOEZ00021E Error creating clonesys thread, pthread_create return code *ErrorCode*

Severity: svc_c_sev_error

Explanation: A clonesys operation failed because it could not create the task to perform the operation.

System Action: The program continues.

Administrator Response: Retry the operation. If the problem continues, contact the service representative.

IOEZ00022W Error detaching clonesys thread, pthread_detach return code *ErrorCode*

Severity: svc_c_sev_warning

Explanation: A clonesys operation failed to clean up storage used by the clonesys task.

System Action: The program continues.

Administrator Response: This problem does not prevent the clonesys operation from running. If the problem continues, contact the service representative.

IOEZ00023E *ProgName*: **modify command is not valid -** *Parm*.

Severity: svc_c_sev_error

Explanation: The syntax of the **MODIFY** command is not correct.

System Action: The program continues.

Administrator Response: Additional information about the syntax of the *Parm* command is found in the *z/OS: Distributed File Service zSeries File System Administration*, SC24-5989.

IOEZ00024E *ProgName*: **MODIFY command -** *Parm* **failed.**

Severity: svc_c_sev_error

Explanation: The **MODIFY** command *Parm* failed.

System Action: The program continues.

Administrator Response: Additional information about the syntax of the *Parm* command is found in the *z/OS: Distributed File Service zSeries File System Administration*, SC24-5989. Verify that the command was entered with valid parameters. If the problem continues, contact your service representative.

IOEZ00025I *ProgName*: **MODIFY command -** *Parm* **completed successfully.**

Severity: svc_c_sev_notice

Explanation: The **MODIFY** command *Parm* was successful.

System Action: The program continues.

Administrator Response: None.

IOEZ00026I Clonesys starting for aggregate id *AggrId*, **file system** *file_systems*

Severity: svc_c_sev_notice

Explanation: A clone of all file systems indicated by *file_systems* is starting for aggregate identifier *AggrId*.

System Action: The program continues.

IOEZ00027E Aggregate *Aggrname* **is not attached. Clone terminating.**

Severity: svc_c_sev_error

Explanation: A clone operation failed because the specified aggregate was not attached.

System Action: The program continues.

Administrator Response: Make sure the aggregate name is correctly specified, attach the aggregate if necessary, and retry the operation.

IOEZ00028E Error in *Function*, **code =** *ErrorCode*, **aggregate** *AggrId*

Severity: svc_c_sev_error

Explanation: An error occurred while processing a clonesys operation for aggregate *AggrId*. Subsequent error messages follow to explain the error.

System Action: The program continues.

Administrator Response: Examine the error messages and correct the problem. Retry the operation. If the problem continues, contact the service representative.

IOEZ00029E Error explanation: *ErrorMsg*

Severity: svc_c_sev_error

Explanation: An error occurred while processing a clonesys operation. This message indicates the meaning of a preceding error message.

System Action: The program continues.

Administrator Response: Examine the error messages and correct the problem. Retry the operation. If the problem continues, contact the service representative.

IOEZ00030E Error in *Function*, **code =** *ErrorCode*, **aggregate** *AggrId*, **file system** *file_systemHigh*,,*file_systemLow*

Severity: svc_c_sev_error

Explanation: An error occurred while processing a clonesys operation for aggregate *AggrId*. Subsequent error messages follow to explain the error.

System Action: The program continues.

Administrator Response: Examine the error messages and correct the problem. Retry the operation. If the problem continues, contact the service representative.

IOEZ00031I Clonesys ending for aggregate id *AggrId* **(Total:** *Total*, **Failed:** *Failed*, **Time** *Seconds*.*Fraction*)

Severity: svc_c_sev_notice

Explanation: A clone of all file systems indicated by *Total* has ended for aggregate identifier *AggrId*.

System Action: The program continues.

IOEZ00032I *ProgramName*: **in-memory trace table has been reset**

Severity: svc_c_sev_notice

Explanation: The in-memory trace table has been reset by the **RESET MODIFY** command.

System Action: The program continues.

IOEZ00033E *ProgramName*: **could not open trace output dataset**

Severity: svc_c_sev_error

Explanation: The in-memory trace table could not be printed because the output trace dataset could not be opened.

System Action: The program continues.

Administrator Response: Ensure that the **trace_dsn** parameter specifies a valid dataset name that can be opened for output.

IOEZ00034I *ProgramName*: **printing contents of trace to dataset <** *DatasetName***>**

Severity: svc_c_sev_notice

Explanation: The in-memory trace table is being written to dataset *DatasetName*.

System Action: The program continues.

IOEZ00035I No trace table to print

Severity: svc_c_sev_notice

Explanation: There was no in-memory trace table found to be printed.

System Action: The program continues.

IOEZ00036I Printing contents of table at address *Address* **name:** *Name*

Severity: svc_c_sev_notice

Explanation: The contents of in-memory trace table name *Name* is being printed.

System Action: The program continues.

IOEZ00037I Trace table is already being printed

Severity: svc_c_sev_notice

Explanation: The contents of in-memory trace table is already being printed.

System Action: The program continues.

IOEZ00038E Incorrect record length *Reclen* **found while printing trace table.**

Severity: svc_c_sev_error

Explanation: A record was found to have an incorrect length while printing the trace table.

System Action: The program continues.

Administrator Response: Contact your service representative.

IOEZ00039E Mismatched record length *SReclen*,,*EReclen* **found while printing trace table.**

Severity: svc_c_sev_error

Explanation: A record was found to have a starting record length that did not match the ending record length in the trace table.

System Action: The program continues.

Administrator Response: Contact your service representative.

IOEZ00040E A bad record was found while printing trace table.

Severity: svc_c_sev_error

Explanation: An incorrect record was found when printing the in-memory trace table.

System Action: The program continues.

Administrator Response: Contact your service representative.

IOEZ00041I No start record, trace wrapped, total records *Records***,** *Bytes* **bytes to format.**

Severity: svc_c_sev_notice

Explanation: An in-memory trace table wrapped. The whole table is being printed. Important data may be lost.

System Action: The program continues.

IOEZ00042I Start record found, total records *Records***,** *Bytes* **bytes to format.**

Severity: svc_c_sev_notice

Explanation: An in-memory trace is being printed. The trace table has not wrapped since the last printing or program start.

System Action: The program continues.

IOEZ00043I *ProgramName***: print of in-memory trace table has completed.**

Severity: svc_c_sev_notice

Explanation: An in-memory trace table print has completed.

System Action: The program continues.

IOEZ00044I Aggregate *Name* **attached successfully.**

Severity: svc_c_sev_notice

Explanation: Aggregate *Name* was successfully attached by zFS.

System Action: The program continues.

IOEZ00045W Could not attach aggregate *Name* **because its already attached**

Severity: svc_c_sev_warning

Explanation: Aggregate *Name* could not be attached because it is already attached.

System Action: The program continues.

IOEZ00046E Error *ErrorCode* **received while attaching aggregate** *Name*

Severity: svc_c_sev_error

Explanation: Aggregate *Name* could not be attached.

System Action: The program continues.

Administrator Response: Ensure that the aggregate is accessible to zFS in the desired attach mode (read-only or read-write). If the problem continues, contact your service representative.

IOEZ00047E An aggregate could not be attached due to syntax error with aggrfull option - *Aggrfull*

Severity: svc_c_sev_error

Explanation: An incorrect value *Aggrfull* was specified for the aggrfull option.

System Action: The program continues.

Administrator Response: Specify a valid value for the **aggrfull** option and retry the operation.

IOEZ00048I Detaching aggregate *Name*

Severity: svc_c_sev_notice

Explanation: Aggregate *Name* is being detached.

System Action: The program continues.

IOEZ00049E Possible hang with USS PFS operations, continuing with termination

Severity: svc_c_sev_error

Explanation: While terminating the zFS kernel, all attempts to quiesce USS calls to zFS have failed. There may be a hang in zFS. zFS is continuing with termination processing.

System Action: The program continues.

Administrator Response: If zFS does not terminate properly, obtain a dump of zFS and report the problem to your service representative.

IOEZ00050I *ProgramName***: Stop command received.**

Severity: svc_c_sev_notice

Explanation: The zFS kernel has received an operator stop request. All aggregates will be detached and the zFS kernel will terminate.

System Action: The program continues.

IOEZ00051I An error occurred in program IOEFSCM:, terminating zFS kernel

Severity: svc_c_sev_notice

Explanation: The zFS kernel encountered an internal error in program **IOEFSCM**. The zFS kernel is being terminated.

System Action: The program continues.

Administrator Response: Contact your service representative.

IOEZ00052I *progname*: **Initializing** *prodname featurename* **Version** *ver*.*rel*.*mod* **Service Level** *slv*. **Created on** *date*.

Severity: svc_c_sev_notice

Explanation: This message is issued when the named zFS program starts. It identifies the product name, feature name, version, release, modlevel, service level and creation date of the zFS program.

System Action: The program continues.

IOEZ00053E Error setting up termination thread, code = *ErrorCode*.

Severity: svc_c_sev_error

Explanation: An error was encountered attempting to define the routine used to handle the **stop** command from the operator or USS kernel. The result is that a **P zFS** command will not function properly.

System Action: The program continues.

Administrator Response: Contact your service representative.

IOEZ00054E Error starting console thread, code = *ErrorCode*.

Severity: svc_c_sev_error

Explanation: An error was encountered attempting to start a thread to accept operator **modify** command. **F zFS** commands will be disabled as a result.

System Action: The program ends.

Administrator Response: Contact your service representative.

IOEZ00055I zFS kernel: initialization complete.

Severity: svc_c_sev_notice

Explanation: The zFS kernel has completed initialization. Any aggregates listed in the **IOEFSPRM** dataset will now be attached.

System Action: The program continues.

IOEZ00056I zFS kernel will be restarted automatically.

Severity: svc_c_sev_notice

Explanation: The zFS kernel will restart automatically when it finishes termination. This usually occurs when the zFS kernel has abnormally terminated.

System Action: The program continues.

IOEZ00057I zFS kernel program IOEFSCM is ending

Severity: svc_c_sev_notice

Explanation: The zFS kernel program **IOEFSCM** has completed its termination processing and is about to end.

System Action: The program ends.

IOEZ00061I zFS kernel: forcing unmount of file system *filesysname*.

Severity: svc_c_sev_notice

Explanation: A zFS kernel is forcing the unmount of file system *filesysname* due to zFS kernel termination.

System Action: The program continues.

IOEZ00062A zFS kernel: could not create admin thread, code *ErrorCode*.

Severity: svc_c_sev_fatal

Explanation: A zFS kernel could not create a thread to process administration commands.

System Action: The program ends.

Administrator Response: Determine if enough storage is specified for the zFS kernel. If increasing storage does not help the problem, contact your service representative.

IOEZ00063W zFS kernel recovery: exception *AbendCode* occurred, reason *ReasonCode* abend psw *PSW1 PSW2*

Severity: svc_c_sev_warning

Explanation: A zFS kernel was driven for recovery for a USS process. The abend code is *AbendCode*, and the psw is given by *PSW1 PSW2*.

System Action: The program continues.

Administrator Response: This message will be followed by additional messages indicating more about the problem. Recovery may not be a problem.

IOEZ00064W   Genral Registers R*RegNumber***: *Reg1*
Reg2 Reg3 Reg4

Severity: svc_c_sev_warning

Explanation: A zFS kernel was driven for recovery for
a USS process. This message shows the registers at
time of error.

System Action: The program continues.

Administrator Response: This message will be
followed by additional messages indicating more about
the problem. Recovery may not be a problem.

IOEZ00065W   zFS kernel recovery: estae psw *PSW1*
PSW2

Severity: svc_c_sev_warning

Explanation: A zFS kernel was driven for recovery for
a USS process. The ESTAE psw is given by *PSW1*
PSW2.

System Action: The program continues.

Administrator Response: This message will be
followed by additional messages indicating more about
the problem. Recovery may not be a problem.

IOEZ00066E   Incorrect value *Owner* **for owner**

Severity: svc_c_sev_error

Explanation: An incorrect value *Owner* for the -owner
field of the **ioeagfmt** command was specified.

System Action: The program ends.

Administrator Response: Correct the value and
re-execute the **ioeagfmt** command.

IOEZ00067E   Incorrect value *Group* **for group**

Severity: svc_c_sev_error

Explanation: An incorrect value *Group* for the -group
field of the **ioeagfmt** command was specified.

System Action: The program ends.

Administrator Response: Correct the value and
re-execute the **ioeagfmt** command.

IOEZ00068W   zFS file system *Name* **exceeds %d%%
full (%u/%u) (WARNING)**

Severity: svc_c_sev_warning

Explanation: A zFS file system used space has
exceeded the administrator defined threshold specified
on the **fsfull** option.

System Action: The program continues.

Administrator Response: If desired, increase the file
system quota.

IOEZ00069I   zFS file system *Name* **is now below
%d%% full (%u/%u)**

Severity: svc_c_sev_notice

Explanation: A zFS file system used space has fallen
below the administrator defined threshold specified on
the **fsfull** option.

System Action: The program continues.

IOEZ00070E Incorrect value *Perms* **for permissions**

Severity: svc_c_sev_error

Explanation: An incorrect value *Perms* for the -perms
field of the **ioeagfmt** command was specified.

System Action: The program ends.

Administrator Response: Correct the value and
re-execute the **ioeagfmt** command. Note that the value
for -perms cannot be greater than the hexadecimal
value xFFF.

IOEZ00071I   Attaching aggregate *Name* **to create
hfs-compatible file system**

Severity: svc_c_sev_notice

Explanation: An aggregate is being attached by
ioeagfmt to create the lone HFS-compatible file system
on it.

System Action: The program continues.

IOEZ00072E   Error *ErrorCode* **opening aggregate for
HFS-compatible file system creation**

Severity: svc_c_sev_error

Explanation: An error was received attempting to
open an HFS-compatible aggregate by the **ioeagfmt**
program.

System Action: The program ends.

Administrator Response: Contact your service
representative.

IOEZ00073E   Error *ErrorCode* **determining aggregate
size**

Severity: svc_c_sev_error

Explanation: An error was received attempting to
determine aggregate size for an HFS-compatible
aggregate by the **ioeagfmt** program.

System Action: The program ends.

Administrator Response: Contact your service
representative.

IOEZ00074I **Creating file system of size** *Size***K, owner id** *Owner***, group id** *Group***, permissions x***Perms*

Severity: svc_c_sev_notice

Explanation: A file system is being placed on the HFS-compatible aggregate. This shows the owning user/group and permissions used on the aggregate create, and the initial size of the file system.

System Action: The program continues.

IOEZ00075E **Error** *ErrorCode* **received while creating HFS-compatibility file system**

Severity: svc_c_sev_error

Explanation: An error was received attempting to create a file system on an HFS-compatible aggregate by the **ioeagfmt** program.

System Action: The program ends.

Administrator Response: Contact your service representative.

IOEZ00076E **Error** *ErrorCode* **received while syncing and closing an HFS-compatibility aggregate**

Severity: svc_c_sev_error

Explanation: An error was received attempting to sync and close an HFS-compatible aggregate by the **ioeagfmt** program.

System Action: The program ends.

Administrator Response: Contact your service representative.

IOEZ00077I **HFS-compatibility aggregate** *Name* **has been successfully created**

Severity: svc_c_sev_notice

Explanation: An HFS-compatibility aggregate was successfully created by the **ioeagfmt** program.

System Action: The program continues.

IOEZ00078W **zFS aggregate** *Name* **exceeds %d%% full (%u/%u) (WARNING)**

Severity: svc_c_sev_warning

Explanation: A zFS aggregate used space has exceeded the administrator defined threshold specified on the **aggrfull** option.

System Action: The program continues.

Administrator Response: If desired, increase the aggregate size.

IOEZ00079I **zFS aggregate** *Name* **is now below %d%% full (%u/%u)**

Severity: svc_c_sev_notice

Explanation: A zFS aggregate used space has fallen below the administrator defined threshold specified on the **aggrfull** option.

System Action: The program continues.

IOEZ00080A **Signal** *Signal* **received, dump in progress.**

Severity: svc_c_sev_fatal

Explanation: A zFS program is abending, and a dump is in progress.

System Action: The program ends.

Administrator Response: Contact your service representative.

IOEZ00081A **zFS: PSW from Machine State:** *psw1 psw2* **Abend Code from CIB:** *abend* **Reason Code from CIB:** *reason* **Load Module Name:** *module*

Severity: svc_c_sev_fatal

Explanation: Abend information at time of dump.

System Action: The program ends.

Administrator Response: Contact your service representative.

IOEZ00082A **Immediate end of processing requested:** *message_string***.**

Severity: svc_c_sev_fatal

Explanation: The zFS program is stopping due to an unrecoverable error.

System Action: The program ends abnormally.

Administrator Response: Contact your service representative.

IOEZ00083A **Assertion Failed:***Assertion* **Line:***LineNo* **File:***FileName***.**

Severity: svc_c_sev_fatal

Explanation: An internal error has occurred in the zFS kernel. A dump will be taken.

System Action: The program ends.

Administrator Response: Contact your service representative.

IOEZ00084E Syntax error on line *Line* **in configuration dataset** *Dsname*

Severity: svc_c_sev_error

Explanation: A syntax error was found while parsing the zFS parameter dataset. The line in error is shown as an aid to the administrator.

System Action: The program continues.

Administrator Response: Correct the line in error and retry the operation.

IOEZ00085E Error *ErrorCode* **received opening configuration dataset** *Dsname*

Severity: svc_c_sev_error

Explanation: An error was received while attempting to open the configuration dataset. The error code from the C/390 fopen function is shown.

System Action: The program continues.

Administrator Response: Ensure the zFS parameter dataset is accessible to the program and retry the operation.

IOEZ00086E Unexpected EOF found while parsing configuration dataset *Dsname*

Severity: svc_c_sev_error

Explanation: An end of dataset condition was unexpectedly found while reading the configuration dataset.

System Action: The program continues.

Administrator Response: Check the last entry in the zFS parameter dataset and verify it has valid syntax, fixing it as necessary.

IOEZ00087I The parameter, *Parameter1*, **requires** *String* **non-null argument value.**

Severity: svc_c_sev_warning

Explanation: The parameter requires one or more values, but none were specified.

System Action: The program ends.

User Response: Enter the command specifying a value for *Parameter1*.

IOEZ00088I The argument, *Argument*, **does not represent a valid value for the parameter** *Parameter*.

Severity: svc_c_sev_warning

Explanation: The value specified for the parameter was not valid.

System Action: The program ends.

User Response: Enter the command with a valid value for the parameter.

IOEZ00089I FTS_ListVolumes: cannot open *Name*, **error code =** *error_code*.

Severity: svc_c_sev_notice_verbose

Explanation: While processing the list volumes request, the **zfsadm** command found a file system that could not be opened.

System Action: The request will continue.

Administrator Response: There may be a valid reason why the file system could not be opened. Use the error text to determine whether additional action is necessary. If the problem continues, contact the service representative.

IOEZ00090E Error: *error_text*

Severity: svc_c_sev_error

Explanation: Error text for the specified error code.

System Action: The program continues.

IOEZ00091E Error in *text_string*: *error_text*

Severity: svc_c_sev_error

Explanation: Error text for the specified error code.

System Action: The program continues.

IOEZ00092E The user is not authorized to run this command.

Severity: svc_c_sev_error

Explanation: This command requires a uid of 0, or READ access to the SUPERUSER.FILESYS.PFSCTL profile in the UNIXPRIV class.

System Action: The program continues.

IOEZ00093E Incorrect value *Owner* **for owner**

Severity: svc_c_sev_error

Explanation: An incorrect value *Owner* for the -owner field of the **zfsadm create** command was specified.

System Action: The program ends.

Administrator Response: Correct the value and re-execute the **zfsadm** command.

IOEZ00094E Incorrect value *Group* **for group**

Severity: svc_c_sev_error

Explanation: An incorrect value *Group* for the -group field of the **zfsadm create** command was specified.

System Action: The program ends.

Administrator Response: Correct the value and re-execute the **zfsadm** command

---

IOEZ00095E Incorrect value *Perms* **for permissions**

Severity: svc_c_sev_error

Explanation: An incorrect value *Perms* for the -perms field of the **zfsadm create** command was specified.

System Action: The program ends.

Administrator Response: Correct the value and re-execute the **zfsadm** command. Note that the value for -perms cannot be greater than the hexadecimal value xFFF.

IOEZ00096E Incorrect value *Size* **for size**

Severity: svc_c_sev_error

Explanation: An incorrect value *Size* for the -size field of the **zfsadm** command was specified.

System Action: The program ends.

Administrator Response: Correct the value and re-execute the **zfsadm** command.

IOEZ00097E File system *filesys_name* **already exists.**

Severity: svc_c_sev_error

Explanation: The specified file system already exists.

System Action: The request fails.

Administrator Response: Specify a different file system name. Then try the request again.

IOEZ00098E Could not create file system *Name*, **error code=**ErrorCode, **reason code=**ReasonCode

Severity: svc_c_sev_error

Explanation: An error was received while trying to create a file system.

System Action: The request fails.

Administrator Response: Ensure aggregate is attached, and has sufficient space. If the problem continues, contact your service representative.

IOEZ00099I File system *Name* **created successfully**

Severity: svc_c_sev_notice

Explanation: A file system was successfully created.

System Action: None.

Administrator Response: None.

IOEZ00100E File system *Name* **was not found**

Severity: svc_c_sev_error

Explanation: A **zfsadm** command was executed for a file system that was not found to be attached to the zFS kernel.

System Action: The request fails.

Administrator Response: Retry the operation with a valid file system name.

IOEZ00101E Attempt to open a file system failed, code is *ErrorCode*, **name is** *Name*.

Severity: svc_c_sev_error

Explanation: A call to open a file system for an administration operation failed. It is most likely the file system is busy.

System Action: The program continues.

Administrator Response: Retry the operation. If the problem continues, contact your service representative.

IOEZ00102E Attempt to delete a file system failed, rc is *ErrorCode*.

Severity: svc_c_sev_error

Explanation: A file system delete operation failed. Other messages will be issued which will further explain the error.

System Action: The program continues.

IOEZ00103E Attempt to close a file system failed, rc is *ErrorCode*.

Severity: svc_c_sev_error

Explanation: An error occurred when closing a file system for an administration command.

System Action: The program ends.

Administrator Response: If the problem continues, contact your service representative.

IOEZ00104E Attempt to set status on a file system failed, rc is *ErrorCode*.

Severity: svc_c_sev_error

Explanation: An error occurred when updating a file system for an administration command.

System Action: The program ends.

Administrator Response: If the problem continues, contact your service representative.

IOEZ00105I File system *Name* **deleted successfully**

Severity: svc_c_sev_notice

Explanation: A file system was successfully deleted.

System Action: The program ends.

Administrator Response: None.

IOEZ00106I A total of *Count* **aggregates are attached**

Severity: svc_c_sev_notice

Explanation: This message shows the total number of aggregates attached.

System Action: The program ends.

Administrator Response: None.

IOEZ00107E The zFS kernel is shutting down, command cannot be processed.

Severity: svc_c_sev_error

Explanation: The zFS kernel is shutting down. The **zfsadm** command cannot be processed.

System Action: The program ends.

Administrator Response: The command should be retried after the zFS kernel has been started.

IOEZ00108I File system *Name1* **renamed to** *Name2*

Severity: svc_c_sev_notice

Explanation: A file system was successfully renamed.

System Action: The program ends.

Administrator Response: None.

IOEZ00109E Could not retrieve parameter dataset name from zFS kernel

Severity: svc_c_sev_error

Explanation: A **zfsadm** command could not communicate with the zFS kernel to retrieve the parameter dataset name. One possible reason is the zFS kernel is not started.

System Action: The program ends.

Administrator Response: Ensure the zFS kernel is started before running the **zfsadm** command.

IOEZ00110E Could not read the zFS parameter dataset

Severity: svc_c_sev_error

Explanation: A **zfsadm** command could not read the specified zFS debug parameters dataset.

System Action: The program continues.

Administrator Response: Ensure that the debug parameters dataset is accessible to the **zfsadm** command.

IOEZ00111E Must specify either -all or -aggregate, not both

Severity: svc_c_sev_error

Explanation: A **zfsadm** command specified both -all and -aggregate when it should not be both.

System Action: The program ends.

Administrator Response: Retry the command specifying valid options.

IOEZ00112E Must specify at least -all or -aggregate options

Severity: svc_c_sev_error

Explanation: A **zfsadm** command did not specify a required parameter.

System Action: The program ends.

Administrator Response: Retry the command specifying valid options.

IOEZ00113I All aggregates attached by this command will be opened in read-only mode

Severity: svc_c_sev_notice

Explanation: A **zfsadm attach** will attach all aggregates in R/O mode.

System Action: The program continues.

Administrator Response: None.

IOEZ00114I All aggregates attached by this command will use full new block security

Severity: svc_c_sev_notice

Explanation: A **zfsadm attach** will attach all aggregates with new block security.

System Action: The program continues.

Administrator Response: None.

IOEZ00115I No aggregates attached by this command will use new block security

Severity: svc_c_sev_notice

Explanation: A **zfsadm attach** will attach all aggregates without new block security.

System Action: The program continues.

Administrator Response: None.

IOEZ00116I All aggregates attached by this command will monitor aggregate space with threshold *Threshold* **and increment of** *Increment*

Severity: svc_c_sev_notice

Explanation: Aggregate space usage will be monitored as specified.

System Action: The program continues.

Administrator Response: None.

IOEZ00117I Aggregate *Name* **attached successfully**

Severity: svc_c_sev_notice

Explanation: An aggregate was attached successfully.

System Action: The program continues.

Administrator Response: None.

IOEZ00118I Aggregate *Name* **is already attached**

Severity: svc_c_sev_notice

Explanation: An aggregate could not be attached because it is already attached.

System Action: The program continues.

Administrator Response: None.

IOEZ00119E Aggregate *Name* **could not be attached, error code=***ErrorCode* **reason code=***ReasonCode*

Severity: svc_c_sev_error

Explanation: An aggregate could not be attached. The error code is shown with messages that will further explain the error.

System Action: The program continues.

Administrator Response: Use the error code and reason code to determine the cause of the error. Retry the command. If the problem continues, contact your service representative.

IOEZ00120E Syntax error with aggregate full parameter - *Parameter*

Severity: svc_c_sev_error

Explanation: An aggregate could not be attached because the aggrfull processing option is improperly specified.

System Action: The program continues.

Administrator Response: Correct the aggregate full parameter and retry the command.

IOEZ00121E There are no aggregates attached. Operation complete.

Severity: svc_c_sev_error

Explanation: The operation requested requires an attached aggregate. There are no aggregates attached.

System Action: The program ends.

Administrator Response: Attach the aggregate for the operation and retry.

IOEZ00122I Aggregate *Name* **detached successfully**

Severity: svc_c_sev_notice

Explanation: An aggregate was successfully detached by the **zfsadm** command.

System Action: The program continues.

Administrator Response: None.

IOEZ00123I Could not detach aggregate *Name* **because it was not attached**

Severity: svc_c_sev_notice

Explanation: An aggregate could not be detached because the zFS kernel did not have it attached when the command was executed.

System Action: The program continues.

Administrator Response: None.

IOEZ00124E Error detaching aggregate *Name***, error code=***ErrorCode* **reason code=***ReasonCode*

Severity: svc_c_sev_error

Explanation: An aggregate could not be detached due to an unexpected error. Possibly the aggregate was busy with another command, or file systems in the aggregate are mounted.

System Action: The program ends.

Administrator Response: If there are no file systems on the aggregate that are mounted, and there are no other commands running against the aggregate, and the problem continues, contact your service representative.

IOEZ00125E Attempt to obtain status on a file system failed, rc is *ErrorCode***.**

Severity: svc_c_sev_error

Explanation: An error occurred when obtaining status information for a file system for an administration command.

System Action: The program ends.

Administrator Response: If the problem continues, contact your service representative.

IOEZ00126E Aggregate containing file system
FileSystem was detached

Severity: svc_c_sev_error

Explanation: An aggregate was detached in the midst of processing a **zfsadm** command that targeted the named file system.

System Action: The program ends.

Administrator Response: This should be a transient condition. If the aggregate is later re-attached, the command should work fine. If the problem continues, and the aggregate is known to be attached, then contact your service representative.

IOEZ00127I No file systems found for aggregate
Name

Severity: svc_c_sev_notice

Explanation: A **zfsadm lsfs** command was issued to query file system information. No file systems were found in the aggregate.

System Action: The program continues.

Administrator Response: None.

IOEZ00128E Attempt to obtain aggregate status
failed, rc is _ErrorCode_.

Severity: svc_c_sev_error

Explanation: An error occurred when obtaining status information for an aggregate for an administration command.

System Action: The program ends.

Administrator Response: If the problem continues, contact your service representative.

IOEZ00129I Total of _Total_ file systems found for
aggregate _Name_

Severity: svc_c_sev_notice

Explanation: A **zfsadm** command was issued to list file system information.

System Action: The program continues.

Administrator Response: None.

IOEZ00130I Total of _Total_ file systems found

Severity: svc_c_sev_notice

Explanation: A **zfsadm** command was issued to list file system information.

System Action: The program continues.

Administrator Response: None.

IOEZ00131E File system name _filesys_name_ too
long; must be less than _bad_number_
chars.

Severity: svc_c_sev_error

Explanation: The specified file system name length is too long.

System Action: The request fails.

Administrator Response: Correct the file system name length to be fewer than the maximum number of characters listed in the error message.

IOEZ00132E Incorrect file system name
_filesys_name_; should not be a number.

Severity: svc_c_sev_error

Explanation: The specified file system must be a name, not a number.

System Action: The program continues.

Administrator Response: Correct the file system to be a character name. Then try the request again.

IOEZ00133E _program_name_: Number (_bad_number_) is
too large. Specify a smaller number.

Severity: svc_c_sev_error

Explanation: The specified number is too large.

System Action: The program continues.

Administrator Response: Specify a smaller number. Then try the request again.

IOEZ00134E Incorrect file system name
_filesys_name_; cannot end in .bak

Severity: svc_c_sev_error

Explanation: Specify a file system name that does not end in **.bak**.

System Action: The program continues.

Administrator Response: Correct the file system name. Then try the request again.

IOEZ00135E Aggregate _Name_ was not found

Severity: svc_c_sev_error

Explanation: A **zfsadm** command was executed for an aggregate that was not found to be attached to the zFS kernel.

System Action: The request fails.

Administrator Response: Retry the operation with a valid aggregate name.

IOEZ00136E File system *filesys_id_hi*,,*filesys_id_low*
is busy: *error_text*.

Severity: svc_c_sev_error

Explanation: The file system is busy and cannot be accessed.

System Action: The program continues.

Administrator Response: Correct the error listed in the error text. Then try the request again. If the problem continues, contact the service representative.

IOEZ00137E Insufficient memory to allocate
num_structures **internal structures.**

Severity: svc_c_sev_error

Explanation: An error occurred while attempting to allocate memory for internal structures needed to process the command.

System Action: The request fails.

Administrator Response: Ensure that sufficient memory is available, then try the request again.

IOEZ00138E Open error on file(*dsname***),**
errno(*errno***).**

Severity: svc_c_sev_error

Explanation: An error occurred opening the messages dataset pointed to by **msg_input_dsn** in the configuration dataset.

System Action: The program continues. Messages will be from in core message table.

Administrator Response: Check the **msg_input_dsn** variable in the configuration dataset and verify that the messages dataset exists.

IOEZ00139E read error on file(*dsname***), errno(***errno***).**

Severity: svc_c_sev_error

Explanation: An error occurred reading the messages dataset pointed to by **msg_input_dsn** in the configuration dataset.

System Action: The program continues. Messages will be from the in core message table.

Administrator Response: Check the **msg_input_dsn** variable in the configuration dataset and verify that the messages dataset is valid.

IOEZ00140I Using default message table which is
in English.

Severity: svc_c_sev_warning

Explanation: An error occurred opening or reading the messages dataset pointed to by **msg_input_dsn** in the configuration dataset. Verify that the message dataset

name is valid, exists, and is not damaged.

System Action: The program continues. Messages will be from in core message table.

Administrator Response: Check the **msg_input_dsn** variable in the configuration dataset and verify that the messages dataset is valid.

IOEZ00141E Insuffcient storage available.

Severity: svc_c_sev_error

Explanation: An error occurred attempting to allocate storage.

System Action: The program continues. Messaging may not occur.

Administrator Response: Check that the task was started with sufficient storage.

IOEZ00142E Message control block is NULL,
Cannot print message ID(x*msgid***).**

Severity: svc_c_sev_error

Explanation: The messaging support main control block is corrupted. The message number that was being displayed is reported.

System Action: The program continues. Messaging may not occur.

Administrator Response: Task may need to be restarted to correct the messaging control block.

IOEZ00143E Unable to retrieve message text for
message ID(x*msgid***).**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to retrieve message text for the displayed message id. The message number that was being displayed is reported.

System Action: The program continues. Messaging may not occur.

Administrator Response: Task may need to be restarted to correct the messaging control block.

IOEZ00144E Unknown message.

Severity: svc_c_sev_error

Explanation: An error occurred while trying to retrieve message text for the displayed message id. This message id is unknown to the task.

System Action: The program continues. Messaging may not occur.

Administrator Response: Task may need to be restarted to correct the messaging control block.

IOEZ00145E Unable to synchronize aggregate
aggregate_id, **code =** *error_code*
(*error_text***).**

Severity: svc_c_sev_error

Explanation: The program cannot synchronize the aggregate for the reason indicated in the error message.

System Action: The command or request running ends.

Administrator Response: Refer to the error code to determine the cause of the problem. Then try the request again. If the problem continues, contact the service representative.

IOEZ00146E Unable to close file system
filesys_descriptor, **code =** *error_code*
(*error_text***).**

Severity: svc_c_sev_error

Explanation: The program cannot close the file system for the reason indicated in the error message.

System Action: The command or request running ends.

Administrator Response: Refer to the error code to determine the cause of the problem. Then try the request again. If the problem continues, contact the service representative.

IOEZ00147E Unable to close file system
filesys_descriptor, **code =** *error_code*
(*error_text***).**

Severity: svc_c_sev_error

Explanation: The program cannot close the file system while aborting for the reason indicated in the error message.

System Action: The command or request running ends.

Administrator Response: Refer to the error code to determine the cause of the problem. Then try the request again. If the problem continues, contact the service representative.

IOEZ00148E Cannot get status for file system
filesys_descriptor, **code =** *error_code*
(*error_text***).**

Severity: svc_c_sev_error

Explanation: The program cannot get status for the file system for the reason indicated in the error message.

System Action: The command or request running ends.

Administrator Response: Refer to the error code to determine the cause of the problem. Then try the request again. If the problem continues, contact the service representative.

IOEZ00149E Cannot set status for file system
filesys_descriptor, **code =** *error_code*
(*error_text***).**

Severity: svc_c_sev_error

Explanation: The program cannot set status for the file system for the reason indicated in the error message.

System Action: The command or request running ends.

Administrator Response: Refer to the error code to determine the cause of the problem. Then try the request again. If the problem continues, contact the service representative.

IOEZ00150E Unable to set status for
number_of_filesyss **file systems, code =**
error_code **(***error_text***).**

Severity: svc_c_sev_error

Explanation: The program cannot set status for *nn* file systems for the reason indicated in the error message.

System Action: The command or request running ends.

Administrator Response: Refer to the error code to determine the cause of the problem. Then try the request again. If the problem continues, contact the service representative.

IOEZ00151E Cannot push status for file system
filesys_descriptor, **code =** *error_code*
(*error_text***).**

Severity: svc_c_sev_error

Explanation: The program cannot push status for the file system for the reason indicated in the error message.

System Action: The command or request running ends.

Administrator Response: Refer to the error code to determine the cause of the problem. Then try the request again. If the problem continues, contact the service representative.

IOEZ00152E Unable to synchronize file system
filesys_descriptor, **code =** *error_code*
(*error_text***).**

Severity: svc_c_sev_error

Explanation: The program cannot synchronize the file

system for the reason indicated in the error message.

System Action: The command or request running ends.

Administrator Response: Refer to the error code to determine the cause of the problem. Then try the request again. If the problem continues, contact the service representative.

IOEZ00153E Ignoring bogus back ID in file system *cur_filesys_id_hi*,,*cur_filesys_id_low* **(was** *back_filesys_id_hi*,,*back_filesys_id_low*)

Severity: svc_c_sev_error

Explanation: A backward ID points to the file system being removed. The pointer is ignored because certain file system operations can leave a file system in this state.

System Action: The program continues.

IOEZ00154E Ignoring bogus forward ID in file system *cur_filesys_id_hi*,,*cur_filesys_id_low* **(was** *fwd_filesys_id_hi*,,*fwd_filesys_id_low*)

Severity: svc_c_sev_error

Explanation: A forward ID points to the file system being removed. The pointer is ignored because some file system operations can leave file systems in this state.

System Action: The program continues.

IOEZ00155E Cannot delete file system *filesys_id_hi*,,*filesys_id_low*, **code =** *error_code* (*error_text*)**.**

Severity: svc_c_sev_error

Explanation: The program cannot delete the file system for the reason indicated in the error message.

System Action: The command or request running ends.

Administrator Response: Refer to the error code to determine the cause of the problem. Then try the request again. If the problem continues, contact the service representative.

IOEZ00156E Unable to get information for aggregate *aggregate_id*, **code =** *error_code* (*error_text*)**.**

Severity: svc_c_sev_error

Explanation: The program cannot get the aggregate information for the reason indicated in the error message.

System Action: The command or request running ends.

Administrator Response: Refer to the error code to determine the cause of the problem. Then try the request again. If the problem continues, contact the service representative.

IOEZ00157E Open of message output dataset (*dsname***) failed.**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to open the message output dataset defined by **msg_output_dsn**.

System Action: The program continues. Messaging may not occur to that dataset.

Administrator Response: Correct the **msg_output_dsn** parameter and be sure it points to a dataset that either exists, or zFS has write access to it.

IOEZ00158E Write to message output dataset (*dsname***) failed.**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to write to the message output dataset defined by **msg_output_dsn**.

System Action: The program continues. Messaging may not occur to that dataset.

Administrator Response: Correct the **msg_output_dsn** parameter and be sure it points to a dataset that either exists, or zFS has write access to it.

IOEZ00159E No output dataset defined by output_message_dataset.

Severity: svc_c_sev_error

Explanation: An error occurred while trying to open the message output dataset. Parameter **msg_output_dsn** is either omitted or incorrect.

System Action: The program continues. Messaging may not occur to an output dataset.

Administrator Response: Correct the **msg_output_dsn** parameter and be sure it points to a dataset that either exists, or zFS has write access to it.

IOEZ00160E Open for dataset (*dsname***) failed.**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to open the dataset.

System Action: The program continues.

Administrator Response: None.

IOEZ00161E Read of dataset (_dsname_**) failed.**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to read the dataset.

System Action: The program continues.

Administrator Response: None.

IOEZ00162E Write to dataset (_dsname_**) failed.**

Severity: svc_c_sev_error

Explanation: An error occurred while trying to write to a dataset.

System Action: The program continues.

Administrator Response: None.

IOEZ00163I Aggregate _Name_ **successfully quiesced**

Severity: svc_c_sev_notice

Explanation: An aggregate was successfully quiesced by the **zfsadm** command.

System Action: The program continues.

Administrator Response: None.

IOEZ00164I Could not quiesce aggregate _Name_
because it was not attached

Severity: svc_c_sev_notice

Explanation: An aggregate could not be quiesced because the zFS kernel did not have it attached when the command was executed.

System Action: The program continues.

Administrator Response: None.

IOEZ00165E Error _ErrorCode_ **reason code**
ReasonCode **received quiescing**
aggregate _Name_

Severity: svc_c_sev_error

Explanation: An aggregate could not be quiesced due to an unexpected error, or possibly the aggregate was busy with another command or operation.

System Action: The program ends.

Administrator Response: If there are no other commands or operations running against the aggregate, and the problem continues, contact your service representative.

IOEZ00166I Aggregate _Name_ **successfully**
unquiesced

Severity: svc_c_sev_notice

Explanation: An aggregate was successfully unquiesced by the **zfsadm** command.

System Action: The program continues.

Administrator Response: None.

IOEZ00167I Could not unquiesce aggregate _Name_
because it was not attached

Severity: svc_c_sev_notice

Explanation: An aggregate could not be unquiesced because the zFS kernel did not have it attached when the command was executed.

System Action: The program continues.

Administrator Response: None.

IOEZ00168E Error _ErrorCode_ **reason code**
ReasonCode **received unquiescing**
aggregate _Name_

Severity: svc_c_sev_error

Explanation: An aggregate could not be quiesced due to an unexpected error, or possibly the aggregate was busy with another command or operation.

System Action: The program ends.

Administrator Response: If there are no other commands or operations running against the aggregate, and the problem continues, contact your service representative.

IOEZ00169E Quiesce of file system _FilesystemName_
failed with rc _ReturnCode_ **and reason**
ReasonCode

Severity: svc_c_sev_error

Explanation: Return code _ReturnCode_ and reason code _ReasonCode_ were the result of a call to Unix System Services Assembler service BPX1QSE for the file system _FilesystemName_. The aggregate is not quiesced.

System Action: The program continues.

Administrator Response: Use the information that explains the return and reason codes that can be found in Unix System Services Messages and Codes. Then, correct the problem and reissue the quiesce command.

IOEZ00170E Open of file system *FilesystemName*
failed with rc *ReturnCode*

Severity: svc_c_sev_error

Explanation: In order to quiesce file system
FilesystemName, it needs to be opened. This operation
failed with a return code of *ReturnCode*. Therefore, the
aggregate is not quiesced.

System Action: The program continues.

Administrator Response: Use the return code to
determine why the open failed. Then, correct the
problem and reissue the quiesce command.

IOEZ00171I Close of file system *FilesystemName*
failed with rc *ReturnCode*

Severity: svc_c_sev_notice

Explanation: In order to unquiesce file system
FilesystemName, it needs to be closed. This operation
failed with a return code of *ReturnCode*. The
unquiescing of the aggregate will continue until all file
systems have been attempted to be closed.

System Action: The program continues.

Administrator Response: Use the return code to
determine why the close failed, and correct any problem
that may render the file system unusable.

IOEZ00172I Unquiesce of file system
FilesystemName **failed with rc**
ReturnCode **and reason** *ReasonCode*

Severity: svc_c_sev_notice

Explanation: Return code *ReturnCode* and reason
code *ReasonCode* were the result of a call to Unix
System Services Assembler service BPX1UQS for file
system *FilesystemName*. The aggregate unquiesce
continues with any other file systems not yet
unquiesced.

System Action: The program continues.

Administrator Response: Use the information that
explains the return and reason codes that can be found
in Unix System Services Messages and Codes. The
aggregate is considered unquiesced, so the unquiesce
command does not need to be reissued.

IOEZ00173I Aggregate *Name* **successfully grown**

Severity: svc_c_sev_notice

Explanation: An aggregate was successfully
increased in size by the **zfsadm** command.

System Action: The program continues.

Administrator Response: None.

IOEZ00174I Could not grow aggregate *Name*
because it was not attached

Severity: svc_c_sev_notice

Explanation: An aggregate could not be increased in
size because the zFS kernel did not have it attached
when the command was executed.

System Action: The program continues.

Administrator Response: None.

IOEZ00175E Error growing aggregate *Name*, **error**
code=*ErrorCode* **reason**
code=*ReasonCode*

Severity: svc_c_sev_error

Explanation: An aggregate could not be increased in
size due to an unexpected error, or possibly the
aggregate was busy with another command or
operation. The error code is the return code received
from the Media Manager from the MMSRV EXTEND
macro. If the error code is 8, you may have specified a
new size smaller then the current size, a new size of 0
with a zero secondary allocation on the data set, or
there may not be sufficient space on the volume(s).

System Action: The program ends.

Administrator Response: Correct the size
specification and ensure there is space on the
volume(s).If there are no other commands or operations
running against the aggregate, and the problem
continues, contact your service representative.

IOEZ00177I Compatibility mode options
-perms/-owner/-group specified for
non-compatibility mode aggregate are
ignored

Severity: svc_c_sev_notice

Explanation: Options valid only for HFS-compatible
aggregates were specified for a format of a
non-compatibility mode aggregate. These options are
ignored and processing continues.

System Action: The program continues.

IOEZ00178I *Filename* **is the configuration dataset**
currently in use.

Severity: svc_c_sev_notice

Explanation: This message notifies the user of the
configuration dataset in use.

System Action: The program continues.

Administrator Response: None.

**IOEZ00179I   There is no configuration dataset.
                Default configuration values will used.**

Severity: svc_c_sev_notice

Explanation: This message notifies the user that
default configuration values will be used.

System Action: The program continues.

Administrator Response: None.

**IOEZ00180E   Must specify either -nbs or -nonbs, not
                both**

Severity: svc_c_sev_error

Explanation: A **zfsadm attach** command specified
both -nbs and -nonbs when only one of the options is
allowed.

System Action: The program ends.

Administrator Response: Remove one of the options
and retry the command.

IOEZ00181E   Could not open trace output dataset

Severity: svc_c_sev_error

Explanation: A zFS program could not print the
in-memory trace table.

System Action: The program continues.

Administrator Response: Ensure that the dataset
that should contain the trace exists, is writable, and is
not allocated to another job or user.

IOEZ00182E   Could not write to trace output dataset

Severity: svc_c_sev_error

Explanation: A zFS program could not print the
in-memory trace table.

System Action: The program continues.

Administrator Response: Ensure that the dataset
that should contain the trace exists, is writable, and is
not allocated to another job or user.

IOEZ00183E   File system *FileSystem* **is busy**

Severity: svc_c_sev_error

Explanation: A **zfsadm** command was issued against
a file system that is currently the target of another
zfsadm operation, or the file system (or its backup) is
mounted and the **zfsadm** command is not valid for a
mounted file system.

System Action: The program ends.

Administrator Response: The administrator can
determine if the file system is mounted by issuing the
zfsadm lsfs command or the **df** command. If the file
system is busy due to another **zfsadm** command, then

retry this command when the previous command
completes.

IOEZ00184E   Duplicate file system *FileSystem* **found
                on aggregate** *AggrName***, already
                attached on aggregate** *PrevAggrName*

Severity: svc_c_sev_error

Explanation: An aggregate was being attached and
zFS detected that the aggregate has a file system
defined that matches the name of a file system on
another previously attached aggregate. The file system
reported as a duplicate is not attached and is
unavailable for processing. The original file system on
the previously attached aggregate is available for
processing.

System Action: The program continues.

Administrator Response: The administrator can
correct the situation by renaming the file system on the
aggregate that is currently attached, and then by
re-attaching the aggregate that had the duplicate name.

IOEZ00185E   DASD volser *Volser* **is offline,
                aggregate** *AggrName* **cannot be
                attached**

Severity: svc_c_sev_error

Explanation: An aggregate was being attached and
zFS detected that the aggregate is on a DASD volume
that is offline.

System Action: The program continues.

Administrator Response: The administrator should
ensure the specified DASD volume is online and
re-attach the aggregate by using the **zfsadm attach**
command.

IOEZ00186E   Error *ErrorCode* **reason** *ReasonCode*
                encountered obtaining status on volser
                Volser **for aggregate** *AggrName***, macro**
                MacroName

Severity: svc_c_sev_error

Explanation: An aggregate was being attached and
zFS could not obtain information via the *MacroName*
macro on the DASD volser shown in the message.

System Action: The program continues.

Administrator Response: Check the z/OS
documentation on the *MacroName* macro to determine
the source of the error. If the problem continues, contact
your service representative.

IOEZ00187W **Access Registers AR** *RegNumber*
Reg1 Reg2 Reg3 Reg4

Severity: svc_c_sev_warning

Explanation: A zFS kernel was driven for recovery for a USS process. This message shows the access registers at time of error.

System Action: The program continues.

Administrator Response: This message will be followed by additional messages indicating more about the problem, oftentimes recovery is not a problem.

IOEZ00188A **zFS kernel out of storage, total**
of *TotalBytes***M bytes used, size**
attempted was *Size* **, class** *class***, type**
type

Severity: svc_c_sev_fatal

Explanation: The zFS kernel ran out of storage when attempting to obtain *Size* bytes. *TotalBytes* is the number of mega bytes that has been obtained by the zFS kernel. *Class* and *Type* is information for the IBM service personnel.

System Action: The program ends.

Administrator Response: Try restarting zFS with smaller cache sizes. This message is followed by output showing the zFS kernel storage map. If the problem continues, contact your service representative.

IOEZ00189E **The source and the target of a rename**
cannot be a backup (.bak) file system

Severity: svc_c_sev_error

Explanation: The **zfsadm** command determined that the user was attempting to rename only the backup file system without renaming the R/W file system or was attempting to rename a file system where the new name had a .bak extension. This is not allowed.

System Action: The program ends.

Administrator Response: Try renaming the R/W file system.

IOEZ00190E **File system** *FileSytem* **(or its backup) is**
mounted, operation cannot be
performed

Severity: svc_c_sev_error

Explanation: A **zfsadm** command determined that the file system or a backup copy of that file system was mounted. The file system cannot be deleted or renamed when it (or its backup) is still mounted.

System Action: The program ends.

Administrator Response: Unmount the file system before deleting or renaming it.

IOEZ00191E **Error deleting file system** *FileSytem*,
error code *ErrorCode* **reason code**
ReasonCode

Severity: svc_c_sev_error

Explanation: An unexpected error occurred while attempting to delete the file system.

System Action: The program ends.

Administrator Response: Contact your service representative.

IOEZ00193I **Set quota to** *Quota***K bytes for file**
system *FileSystem*

Severity: svc_c_sev_notice

Explanation: The quota was successfully updated for the file system.

System Action: The program continues.

IOEZ00194E **Error setting quota for file system**
FileSystem, **error code=***ErrorCode*
reason code=*ReasonCode*

Severity: svc_c_sev_error

Explanation: An unexpected error occurred when updating the quota for a file system.

System Action: The program ends.

Administrator Response: Contact your service representative.

IOEZ00195E **Error renaming file system** *FileSystem*,
error code=*ErrorCode* **reason**
code=*ReasonCode*

Severity: svc_c_sev_error

Explanation: An unexpected error occurred when renaming the file system.

System Action: The program ends.

Administrator Response: Contact your service representative.

IOEZ00196E **File system** *FileSystem* **already exists**

Severity: svc_c_sev_error

Explanation: An attempt was made to create or rename a file sytem that already exists.

System Action: The program ends.

Administrator Response: Retry the command specifying a different file system name.

IOEZ00197E Error retrieving file system status for *FileSystem***, error code=***ErrorCode* **reason code=***ReasonCode*

Severity: svc_c_sev_error

Explanation: An attempt was made to obtain file system information for the named file system but an error occurred.

System Action: The program ends.

Administrator Response: Contact your service representative.

IOEZ00198E Error retrieving aggregate status for *Aggrname***, error code=***ErrorCode* **reason code=***ReasonCode*

Severity: svc_c_sev_error

Explanation: An attempt was made to obtain aggregate information for the named aggregate but an error occurred.

System Action: The program ends.

Administrator Response: Contact your service representative.

IOEZ00199E Aggregate *Name* **cannot be detached because it is quiesced**

Severity: svc_c_sev_error

Explanation: An aggregate could not be detached because it is quiesced.

System Action: The program ends.

Administrator Response: If there are operations in progress against the aggregate such as a grow or a backup of the aggregate, then this message is expected. Retry the detach after the grow or backup is complete. Additionally, the **zfsadm unquiesce** command will unquiesce the aggregate and allow it to be detached.

IOEZ00200E Error *ErrorCode* **occurred while closing dataset '***dataset_name***'.**

Severity: svc_c_sev_error

Explanation: An error occurred while the device driver was closing the named linear dataset.

System Action: The program continues.

Administrator Response: Verify that dataset exists and the application can write to it.

IOEZ00201E Aggregate *Name* **cannot be detached because it contains file systems which are mounted**

Severity: svc_c_sev_error

Explanation: An aggregate could not be detached because it contains mounted file systems.

System Action: The program ends.

Administrator Response: Unmount any file systems and retry the command. The **zfsadm lsfs** command can be used to determine which file systems are mounted.

IOEZ00202E Aggregate *Name* **cannot be grown because it is attached read-only**

Severity: svc_c_sev_error

Explanation: An aggregate could not be grown because it is attached in read-only mode.

System Action: The program ends.

Administrator Response: Detach the aggregate and re-attach the aggregate in read-write mode and re-run the command.

IOEZ00203E File system *FileSystem* **cannot be created because aggregate** *Aggregate* **is not attached**

Severity: svc_c_sev_error

Explanation: A file system could not be created because the specified aggregate is not attached to the zFS kernel.

System Action: The program ends.

Administrator Response: Attach the aggregate and reissue the command.

IOEZ00204E File system *FileSystem* **cannot be created because aggregate** *Aggregate* **is quiesced**

Severity: svc_c_sev_error

Explanation: A file system could not be created because the specified aggregate is quiesced for grow or backup purposes.

System Action: The program ends.

Administrator Response: Wait until the aggregate backup or grow is complete. An aggregate can be unquiesced via the **zfsadm unquiesce** command.

IOEZ00205E File system *FileSystem* **cannot be created because its name ends in .bak**

Severity: svc_c_sev_error

Explanation: The .bak extension is reserved for the backup file system. A file system name with the .bak

extension cannot be used in the **zfsadm create** command.

System Action: The program ends.

Administrator Response: Reissue the command with a new file system name.

IOEZ00206E File system *FileSystem* **cannot be created because aggregate** *Aggrname* **is attached in read-only mode**

Severity: svc_c_sev_error

Explanation: An attempt was made to create a file system on an aggregate attached in read-only mode.

System Action: The program ends.

Administrator Response: Attach the aggregate in read-write mode and reissue the command.

IOEZ00207E Aggregate *Aggrname* **was not found**

Severity: svc_c_sev_error

Explanation: An attempt was made to attach an aggregate, but no VSAM linear dataset could be found with the given name.

System Action: The program ends.

Administrator Response: Reissue the command specifying a valid zFS aggregate name.

IOEZ00208E The aggregate name *Aggrname* **is too long. The maximum length for an aggregate name is** *length*.

Severity: svc_c_sev_error

Explanation: The aggregate name specified is too long. Aggregate names cannot exceed the maximum length specified.

System Action: The program ends.

Administrator Response: Reissue the command specifying a valid zFS aggregate name.

IOEZ00209E Error *ErrorCode* **(reason** *ReasonCode*) **occurred while attempting to get a list of all attached aggregates.**

Severity: svc_c_sev_error

Explanation: An error occurred while retrieving an aggregate list.

System Action: The program ends.

Administrator Response: Try to resolve the error and reissue the command.

IOEZ00210E Error *ErrorCode* **(reason** *ReasonCode*) **occurred while attempting to get status for aggregate** *Aggrname*

Severity: svc_c_sev_error

Explanation: An error occurred while getting status for the specified aggregate.

System Action: The program ends.

Administrator Response: Try to resolve the error and reissue the command.

IOEZ00211E Unable to allocate *ByteCount* **bytes of storage for a file system list**

Severity: svc_c_sev_error

Explanation: zFS was unable to allocate working storage for a file system list.

System Action: The program ends.

Administrator Response: Enter the command again specifying a larger virtual storage size.

IOEZ00212E Error *ErrorCode* **(reason** *ReasonCode*) **occurred while attempting to get a list of file systems for the aggregate** *Aggrname***.**

Severity: svc_c_sev_error

Explanation: An error occurred while retrieving a file system list.

System Action: The program ends.

Administrator Response: Try to resolve the error and reissue the command.

IOEZ00213E Error *ErrorCode* **(reason** *ReasonCode*) **occurred while attempting to get status for file system** *Filesystem* **in aggregate** *Aggrname*

Severity: svc_c_sev_error

Explanation: An error occurred while getting status for the specified file system.

System Action: The program ends.

Administrator Response: Try to resolve the error and reissue the command.

IOEZ00214E The file system name *Filesystem* **is too long. The maximum length for a file system name is** *length*.

Severity: svc_c_sev_error

Explanation: The file system name specified is too long. File system names cannot exceed the maximum length specified.

System Action: The program ends.

Administrator Response: Reissue the command specifying a valid zFS file system name.

IOEZ00215I **Clone starting for aggregate** *Aggrname*, **file system** *Filesystem*

Severity: svc_c_sev_notice

Explanation: A clone of the file system indicated by *Filesystem* is starting for aggregate *Aggrname*.

System Action: The program continues.

IOEZ00216I **Clone ending for aggregate** *Aggrname* **(Total:** *Total*, **Failed:** *Failed*, **Time** *Seconds*.*Fraction*)

Severity: svc_c_sev_notice

Explanation: A clone of all file systems has ended for aggregate identifier *Aggrname*.

System Action: The program continues.

IOEZ00217E **The prefix** *Prefix* **is too long. The maximum length for a prefix of a file system name is** *length*.

Severity: svc_c_sev_error

Explanation: The prefix specified is too long. File system names cannot exceed the maximum length specified.

System Action: The program ends.

Administrator Response: Reissue the command specifying a valid prefix.

IOEZ00218I **There are no aggregates attached. There are no file systems to clone.**

Severity: svc_c_sev_notice

Explanation: Only attached file systems can be cloned. There are no attached file systems.

System Action: The program continues.

Administrator Response: None.

IOEZ00219I **Clonesys starting for aggregate** *Aggrname*, **prefix** *Prefix*

Severity: svc_c_sev_notice

Explanation: A clone of all file systems matching the prefix *Prefix* is starting for aggregate *Aggrname*.

System Action: The program continues.

IOEZ00220E **Aggregate** *Aggrname* **is quiesced. Clone terminating.**

Severity: svc_c_sev_error

Explanation: A clone operation failed because the specified aggregate was quiesced.

System Action: The program continues.

Administrator Response: Make sure the aggregate name is correctly specified, unquiesce the aggregate if necessary, and retry the operation.

IOEZ00221E **Aggregate** *Aggrname* **is attached read-only. Clone terminating.**

Severity: svc_c_sev_error

Explanation: A clone operation failed because the specified aggregate was attached read-only.

System Action: The program continues.

Administrator Response: Make sure the aggregate name is attached read-write and retry the operation.

IOEZ00222E **File system** *Filesystem* **not found. Clone terminating.**

Severity: svc_c_sev_error

Explanation: A clone operation failed because the specified file system could not be found.

System Action: The program continues.

Administrator Response: Make sure the file system name is correctly specified and retry the operation.

IOEZ00223E **File system** *Filesystem* **is not R/W. Clone terminating.**

Severity: svc_c_sev_error

Explanation: A clone operation failed because the specified file system is not R/W.

System Action: The program continues.

Administrator Response: Make sure that you specify a R/W file system and retry the operation.

IOEZ00224E **The clone for file system** *Filesystem* **is mounted. Clone terminating.**

Severity: svc_c_sev_error

Explanation: A clone operation failed because the specified file system had a clone which was mounted.

System Action: The program continues.

Administrator Response: Make sure that any clones of the file system is not mounted and retry the operation.

IOEZ00225I **File system** *Filesystem* **successfully cloned.**

Severity: svc_c_sev_notice

Explanation: A clone of the specified file system has been successfully completed.

System Action: The program continues.

Administrator Response: None.

IOEZ00226E **Error** *ErrorCode*, **reason** *ReasonCode* **cloning file system** *Filesystem*

Severity: svc_c_sev_error

Explanation: An error occurred while processing a clonesys operation for file system *Filesystem*.

System Action: The program continues.

Administrator Response: Examine the error messages and correct the problem. Retry the operation. If the problem continues, contact the service representative.

IOEZ00227E **The aggregate for this file system is quiesced**

Severity: svc_c_sev_error

Explanation: A clone was attempted for a file system on a quiesced aggregate. This is not allowed.

System Action: The program ends.

Administrator Response: Re-run the command after the aggregate is no longer quiesced.

IOEZ00228E **The aggregate for this file system is attached in R/O mode**

Severity: svc_c_sev_error

Explanation: A clone was attempted for a file system on a aggregate attached in read-only mode.

System Action: The program ends.

Administrator Response: Re-run the command after attaching the aggregate in R/W mode.

IOEZ00229I *ProgramName* **Commands are:**

Severity: svc_c_sev_warning

Explanation: When the **help** subcommand or **-help** parameter is the only argument supplied for a command, a list of the valid subcommands is returned.

System Action: The program ends.

Administrator Response: None.

IOEZ00230I *ProgramName* **Unknown topic** '*SubCommand*'**.**

Severity: svc_c_sev_warning

Explanation: The **-help** parameter is not a valid subcommand for this command.

System Action: The program ends.

Administrator Response: Enter the command again specifying a valid subcommand name.

IOEZ00231I *ProgramName* **Ambiguous topic** '*SubCommand*'**; use 'apropos' to list.**

Severity: svc_c_sev_warning

Explanation: The **-help** parameter is ambiguous for *SubCommand* because more than one subcommand or topic can match the string. Use **apropos** to list them.

System Action: The program ends.

Administrator Response: Enter the command again using an appropriate topic that is not abbreviated.

IOEZ00232I *ProgramName*: **Type** '*ProgramName* **-help' for help.**

Severity: svc_c_sev_warning

Explanation: The *ProgramName* command was entered without an argument; at least one is required.

System Action: The program ends.

Administrator Response: Enter the command again with one or more arguments.

IOEZ00233I *ProgramName*: **Type** '*ProgramName* **help' or '**ProgramName* **help <topic>' for help.**

Severity: svc_c_sev_warning

Explanation: The *ProgramName* command was entered without the required subcommand.

System Action: The program ends.

Administrator Response: Enter the command again specifying an appropriate subcommand.

IOEZ00234I *UnkownAmbig* **operation** '*SubCommand*'**; type '**ProgramName* **help' for list.**

Severity: svc_c_sev_warning

Explanation: The subcommand *SubCommand* is either ambiguous or not valid. Commands cannot be abbreviated because multiple subcommands might match the abbreviation. Type *ProgramName* help for a list of valid subcommands.

System Action: The program ends.

Administrator Response: Enter the *ProgramName*

command again specifying a valid, unabbreviated subcommand.

IOEZ00235I *UnkownAmbig* **operation '***SubCommand***'; type '***ProgramName* **help' for list.**

Severity: svc_c_sev_warning

Explanation: The subcommand *SubCommand* is either ambiguous or not valid. Commands cannot be abbreviated because multiple subcommands might match the abbreviation. Type *ProgramName* help for a list of valid subcommands.

System Action: The program ends.

Administrator Response: Enter the *ProgramName* command again specifying a valid, unabbreviated subcommand.

IOEZ00236I **'***ProgramName* **-help' for detailed help.**

Severity: svc_c_sev_warning

Explanation: The command was entered with a parameter that was ambiguous or not valid.

System Action: The program ends.

Administrator Response: Enter the command again using a valid parameter.

IOEZ00237I **'***ProgramName* **help** *SubCommand***' for detailed help.**

Severity: svc_c_sev_warning

Explanation: The parameter entered for the subcommand was ambiguous or not valid.

System Action: The program ends.

Administrator Response: Enter the subcommand with a valid parameter.

IOEZ00238E *ProgramName* **Too many arguments.**

Severity: svc_c_sev_error

Explanation: Too many arguments were entered for the *ProgramName* command.

System Action: The program ends.

Administrator Response: Enter the command again specifying fewer arguments.

IOEZ00239E *ProgramName* **Too many values after parameter** *Parameter*

Severity: svc_c_sev_error

Explanation: Too many values were entered for parameter *Parameter*. *Parameter* is a single-valued parameter and more than one value was provided on the command line.

System Action: The program ends.

Administrator Response: Enter the command with only one value for the *Parameter* parameter.

IOEZ00240E *ProgramName* **Missing required parameter '***Parameter***'.**

Severity: svc_c_sev_error

Explanation: A required parameter for this command was not entered.

System Action: The program ends.

Administrator Response: Enter the command specifying a value for the required parameter.

IOEZ00241E *ProgramNameAmbigUnk* **switch '***Switch***'; type**

Severity: svc_c_sev_error

Explanation: The switch name entered was either ambiguous, abbreviated, or an incorrect switch.

System Action: The program ends.

Administrator Response: Enter the command with a valid, unabbreviated switch name.

IOEZ00242E **The parameters** ″*Parameter1*″ **and** ″*Parameter2*″ **cannot be used together.**

Severity: svc_c_sev_error

Explanation: The parameters *Parameter1* and *Parameter2* are mutually exclusive, both cannot be specified on same command line.

System Action: The request fails.

Administrator Response: Enter the command with either *Parameter1* or *Parameter2*, but not both.

IOEZ00243I **Usage:** *ProgramNameSubCommand*

Severity: svc_c_sev_notice

Explanation: This message displays the command syntax when the **-help** parameter is entered.

System Action: The program ends.

Administrator Response: None.

IOEZ00244E *StringType String* **is longer than the maximum length of MaxLength**

Severity: svc_c_sev_error

Explanation: The specified string is too long.

System Action: The request fails.

Administrator Response: Correct the string in error and retry the operation.

IOEZ00245E More than *MaxValues* **values are specified for parameter** *Parm***. At most** *MaxValues* **values are allowed.**

Severity: svc_c_sev_error

Explanation: There are too many values specified.

System Action: The request fails.

Administrator Response: Reduce the number of values and retry.

IOEZ00246E The value *Value* **of the** *Parm* **parameter is not numeric or is greater than 4294967295.**

Severity: svc_c_sev_error

Explanation: The specified value is not numeric or is too large. A numeric value less than 4294967295 is required.

System Action: The request fails.

Administrator Response: Correct the value in error and retry.

IOEZ00247E The *ParmList* **parameters are mutually exclusive. Both** *Parm1* **and** *Parm2* **have been specified. Only one may be specified.**

Severity: svc_c_sev_error

Explanation: More than one mutually exclusive parameter has been specified.

System Action: The request fails.

Administrator Response: Ensure only one of the parameters is specified and retry.

IOEZ00248E VSAM linear dataset *Dataset* **successfully created**

Severity: svc_c_sev_error

Explanation: The dataset was successfully created.

System Action: The program continues.

IOEZ00249E There were problems creating VSAM linear dataset *Dataset* **. Code =** *EeeoeCode***, reason =** *ReasonCode* **More messages may follow..**

Severity: svc_c_sev_error

Explanation: The named dataset could not be created.

System Action: The request fails.

Administrator Response: Correct any problems and retry.

IOEZ00250E The primary space specification *Primary* **is invalid. A number greater then 0 is required.**

Severity: svc_c_sev_error

Explanation: The primary space specification is invalid.

System Action: The program continues.

Administrator Response: Specify a valid primary space.

IOEZ00251E Insufficient memory to call IDCAMS.

Severity: svc_c_sev_error

Explanation: The memory required to build the parameter list for IDCAMS could not be obtained. This memory must reside below the 16M line.

System Action: The request fails.

Administrator Response: Ensure that sufficient memory is available, then try the request again.

IOEZ00252E Aggregate name '*aggrname***' contains invalid characters. Operation terimated.**

Severity: svc_c_sev_error

Explanation: The aggregate name contains characters which are not allowed. Operation terminated.

System Action: The request fails.

Administrator Response: See the **ioeagfmt** command in the *z/OS: Distributed File Service zSeries File System Administration*, SC24-5989 for the list of characters allowed in an aggregate name and retry the operation.

IOEZ00253E File system name '*Filesystem***' contains invalid characters. Operation terminated.**

Severity: svc_c_sev_error

Explanation: The file system name contains characters which are not allowed. The operation is terminated.

System Action: The request fails.

Administrator Response: See the **zfsadm create** command in the *z/OS: Distributed File Service zSeries File System Administration*, SC24-5989 for the list of characters allowed in a file system name and retry the operation.

IOEZ00300I Successfully set *Option* **to** *Value*

Severity: svc_c_sev_notice

Explanation: The zFS kernel successfully changed the indicated configuration option.

System Action: The program continues.

Administrator Response: None

IOEZ00301E Could not set *Option* **to** *Value*, **error code** *ErrorCode*, **reason code** *ReasonCode*

Severity: svc_c_sev_error

Explanation: The zFS kernel encountered an error while attempting to set the configuration option.

System Action: The program continues.

Administrator Response: Consult Appendix A, "Reason Codes" on page 253 for the provided reason code. One possible cause is a value was larger than the zFS defined maximum or smaller than the zFS defined minimum for that option.

IOEZ00303E Error *ErrorCode* **reason** *ReasonCode* **while attempting to extend the** *CacheName* **cache dataspace**

Severity: svc_c_sev_error

Explanation: The zFS kernel could not extend the specified log file cache dataspace and thus could not attach an aggregate.

System Action: The program continues

Administrator Response: Consult the *z/OS: MVS Authorized Assembler Language Programming Reference* for a description of the DSPSERV macros and reason codes.

IOEZ00304E Error *ErrorCode* **reason** *ReasonCode* **while attempting to create the** *CacheName* **cache dataspace**

Severity: svc_c_sev_error

Explanation: The zFS kernel could not create the indicated cache dataspace and thus could not initialize.

System Action: The program ends.

Administrator Response: Consult the *z/OS: MVS Authorized Assembler Language Programming Reference Doc* for a description of the DSPSERV macros and reason codes.

IOEZ00305E Must specify either -aggrgrow or -noaggrgrow, not both

Severity: svc_c_sev_error

Explanation: A **zfsadm attach** command specified both **-aggrgrow** and **-noaggrgrow** when only one of the options is allowed.

System Action: The program ends.

Administrator Response: Remove one of the options and retry the command.

IOEZ00306I All aggregates attached by this command will be grown dynamically

Severity: svc_c_sev_notice

Explanation: A **zfsadm attach** will attach all aggregates with the ability to dynamically allocate the secondary extents when it is out of space.

System Action: The program continues.

Administrator Response: None.

IOEZ00307I No aggragates attached by this command will dynamically grow

Severity: svc_c_sev_notice

Explanation: A **zfsadm attach** will attach all aggregates without the ability to dynamically allocate the secondary extents when it is out of space.

System Action: The program continues.

Administrator Response: None.

IOEZ00308E Aggregate *aggrname* **failed dynamic grow, (by user** *userid*).

Severity: svc_c_sev_error

Explanation: Dynamic growth of the specified aggregate, caused by the actions of the specified user, failed. All subsequent attempts to dynamically grow the aggregate will also fail. This condition can be changed by either doing a **zfsadm grow** command, or by detaching and re-attaching the aggregate.

System Action: The program continues.

Administrator Response: Determine if the failure code represents a problem. If so, and the problem persists, contact the service representative.

IOEZ00309I Aggregate *aggrname* **successfully dynamically grown (by user** *username*).

Severity: svc_c_sev_notice

Explanation: Dynamic growth of the specified aggregate, caused by the actions of the specified user, was successful.

System Action: The program continues.

Administrator Response: None.

IOEZ00310E File system *filesysname* **quota failed dynamic increase (by user** *username*), **code** *errorcode*.

Severity: svc_c_sev_error

Explanation: Dynamic increase of the specified file system quota, caused by the actions of the specified user, failed with the given error code. All subsequent attempts to dynamically increase the quota will also fail. This condition can be changed by either doing a **zfsadm setquota** command or by unmounting and remounting the file system.

System Action: The program continues.

Administrator Response: Determine if the failure code represents a problem. If so, and the problem persists, contact the service representative.

IOEZ00311I File system *filesysname* **quota successfully dynamically increased (by user** *username*).

Severity: svc_c_sev_notice

Explanation: Dynamic increase of the specified file system quota, caused by actions of the specified user, was successful.

System Action: The program continues.

Administrator Response: None.

IOEZ00312I Dynamic growth of aggregate *aggrname* **in progress, (by user** *username)*.

Severity: svc_c_sev_notice

Explanation: Dynamic growth of the specified aggregate, caused by the actions of the specified user, has been initiated. A subsequent message will be issued to indicate the success or failure of this operation.

System Action: The program continues.

Administrator Response: None.

IOEZ00313E Exactly one of the following parameters is required: *Parmlist*.

Severity: svc_c_sev_error

Explanation: None of the parameters in the list have been specified.

System Action: The program ends.

Administrator Response: Ensure one of the required parameters is specified and retry.

IOEZ00314E The file system name *filesystem* **is not unique. Its aggregate name must be specified.**

Severity: svc_c_sev_error

Explanation: An aggregate name must be specified to uniquely identify the file system.

System Action: The program ends.

Administrator Response: Ensure the aggregate name is specified and retry.

IOEZ00315I There are now *Number* **file systems with the name** *Filesystem* **in use.**

Severity: svc_c_sev_notice

Explanation: This message is issued for informational purposes only. If duplicate file system names are not desired, ensure the REQUIRED_UNIQUE_FILESYSTEMS configuration option is set accordingly.

System Action: The program continues.

Administrator Response: None.

IOEZ00316I The file system to be mounted, *filesystem*, **is part of a multi-file system aggregate.**

Severity: svc_c_sev_notice

Explanation: The file system is part of a multi-file system aggregate. An HFS-compatible aggregate will not be mounted.

System Action: The program continues.

Administrator Response: If the intention is to mount an HFS-compatible aggregate, either rename the HFS-compatible aggregate or detach the multi-file system aggregate, and retry the operation.

IOEZ00317I The value for configuration option *ConfigOption* **is** *ConfigValue*.

Severity: svc_c_sev_notice

Explanation: The named configuration option has the indicated value.

System Action: The program ends.

Administrator Response: None.

IOEZ00318I Attempting to add file system *filesystem* **whose name is already in use.**

Severity: svc_c_sev_notice

Explanation: The file system has the same name as one already in use.

System Action: The program continues.

| **Administrator Response:** None.

| **IOEZ00319W** **The file system** *Filesystem* **will not be**
| **attached.**

| **Severity:** svc_c_sev_warning

| **Explanation:** The file system has the same name as
| one already attached.

| **System Action:** The program ends.

| **Administrator Response:** Either use the **zfsadm**
| **config** command to change the setting of the
| **REQUIRE_UNIQUE_FILESYSTEM** option to OFF or
| rename this file system and retry.

| **IOEZ00320I** **No options have been specified.**

| **Severity:** svc_c_sev_error

| **Explanation:** A **zfsadm queryconfig** option has not
| been specified.

| **System Action:** The program ends.

| **Administrator Response:** Specify a valid option for
| the command and retry.

| **IOEZ00321E** **Could not get value for** *Option***, error**
| **code** *ErrorCode* **reason code**
| *ReasonCode*

| **Severity:** svc_c_sev_error

| **Explanation:** The zfs kernel encountered an error
| attempting to get the value of the configuration option.

| **System Action:** The program continues.

| **Administrator Response:** Correct any problems and
| retry.

| **IOEZ00322W** **The file system name** *filesystemname*
| **contains invalid characters and cannot**
| **be used.**

| **Severity:** svc_c_sev_warning

| **Explanation:** The file system name cannot be used
| because it contains invalid characters. The message
| may not actually show invalid characters because all the
| characters may not be printable.

| **System Action:** The program continues.

| **Administrator Response:** None.

| **IOEZ00323I** **Attempting to extend** *dataset_name* **to**
| *Size* **8K blocks.**

| **Severity:** svc_c_sev_notice

| **Explanation:** The aggregate is being extended to the
| indicated size.

| **System Action:** The program continues.

| **Administrator Response:** None.

| **IOEZ00324I** **Formatting to 8K block number** *Size* **for**
| **secondary extents of** *dataset_name*

| **Severity:** svc_c_sev_notice

| **Explanation:** The aggregate has been extended into
| one or more secondary extents and one or more of
| those secondary extents is now being formatted. The
| dataset will be the specified size when complete.

| **System Action:** The program continues.

| **Administrator Response:** None.

| **IOEZ00325E** **Error** *Error* **formatting secondary**
| **extents for** *dataset_name*

| **Severity:** svc_c_sev_error

| **Explanation:** The attempt to format one or more
| secondary extents for the aggregate has failed. The
| Media Manager return code is shown.

| **System Action:** The program continues.

| **Administrator Response:** Verify that the dataset
| exists and that the application can write to it.

| **IOEZ00326E** **Error** *Error* **extending** *dataset_name*

| **Severity:** svc_c_sev_error

| **Explanation:** The attempt to extend the aggregate has
| failed. The Media Manager return code is shown.

| **System Action:** The program continues.

| **Administrator Response:** Verify that the dataset
| exists and that the application can write to it. Ensure
| there is enough DASD space on the datasets
| associated DASD volumes for the dataset to be grown.

| **IOEZ00327I** **Done.** *dataset_name* **is now a zFS**
| **aggregate.**

| **Severity:** svc_c_sev_notice

| **Explanation:** zFS has finished formatting an
| aggregate.

| **System Action:** The program continues.

| **Administrator Response:** None.

| **IOEZ00328E** **Errors encountered making**
| *dataset_name* **a zFS aggregate.**

| **Severity:** svc_c_sev_error

| **Explanation:** Errors were encountered while
| attempting to format a zFS aggregate.

| **System Action:** The program continues.

| **Administrator Response:** This message should be

preceded by other messages that describe the errors encountered.

IOEZ00329I Attempting to extend *dataset_name* **by a secondary extent.**

Severity: svc_c_sev_notice

Explanation: The aggregate is being extended by a secondary extent.

System Action: The program continues.

Administrator Response: None.

IOEZ00330I File system *filesystemname* **quota increase limit reached (by user** *userid***).**

Severity: svc_c_sev_notice

Explanation: Dynamic increase of the specified file system quota, caused by the actions of the specified user, failed because the limit of the number of times the quota can be increased has been reached. This limit is specified in either the configuration dataset or on the MOUNT command for the file system.

System Action: The program continues.

Administrator Response: In order to allow the quota to be increased dynamically, the **zfsadm setquota** command can be issued for the file system. This will reset the count of times it has been dynamically increased.

IOEZ00331A File system name *PFSName* **is invalid, must be ZFS**

Severity: svc_c_sev_error

Explanation: An incorrect name for the zSeries File System was specified in the BPXPRM file FILESYSTYPE statement. This name must be the characters ZFS.

System Action: The program ends.

Administrator Response: Update the FILESYSTYPE statement and ensure the TYPE parameter specifies ZFS, example: TYPE (ZFS).

IOEZ00332I Encountered unrecognized define_aggr suboption while processing line *Line***. Ignoring text '***Text***'**

Severity: svc_c_sev_notice

Explanation: An unrecognized suboption was found while processing a **define_aggr** statement. This suboption and the text to the end of the line will be ignored.

System Action: The program ends.

Administrator Response: None.

Appendix A. Reason Codes

This chapter contains reason codes, listed by hexadecimal value, with a description of the action required to correct the error.

Each reason code is made up of 4 bytes; cccc rrrr, where:

cccc   is a halfword reason code qualifier

rrrr   is the halfword reason code described in this chapter.

The two high-order bytes of the reason codes returned contain a value that is used to qualify the contents of the 2 low-order bytes. Distributed File Service reason code qualifiers are found within the range X'6C00' to X'6CFF' for the DFS client, X'DF01' to X'DFFF' for the File Exporter Exit Routine (IOEGLUE) and X'EF01' to X'EFFF' for the zSeries File System (zFS). Information about reason codes outside this range is found in *z/OS: UNIX System Services Messages and Codes*, SA22-7807.

6Cxxrrrr Reason Codes

0001   **The internal mount of the DFS client at /... failed.**

Action: Ensure that the directory /... exists and restart the DFS client.

0003   **The internal unmount of the DFS client from /... failed.**

Action: The Reason Code indicates the operation that failed. Use the Return Code to determine the error and correct it.

0005   **The DFS client cannot get sufficient storage for the request.**

Action: Ensure that sufficient virtual storage is available in the DFS client address space.

0007   **An internal call to a wait routine failed.**

Action: The Reason Code indicates the operation that failed. Use the Return Code to determine the error and correct it.

0008   **The DFS client cannot get a vnode.**

Action: The Reason Code indicates the operation that failed. Use the Return Code to determine the error and correct it.

0009   **The DFS client call to osi_getcred failed.**

Action: The Reason Code indicates the operation that failed. Use the Return Code to determine the error and correct it.

000A   **The DFS client lookup call failed.**

Action: The Reason Code indicates the operation that failed. Use the Return Code to determine the error and correct it.

000B   **An application made a w_pioctl request to the DFS client that was not valid.**

Action: Additional information about valid requests for w_pioctl is found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915.

000C   **An application made a pfsctl request to the DFS client that was not valid.**

Action: The Reason Code indicates the operation that failed. Use the Return Code to determine the error and correct it.

000D   **An application passed an incorrect parameter in a w_pioctl request to the DFS client.**

Action: Ensure that the length field within the Argument is at least four less than the Argument_length parameter.

000E   **An application made a w_pioctl request to the DFS client that failed.**

Action: The Reason Code indicates the operation that failed. Use the Return Code to determine the error and correct it.

000F   **An application made an pfsctl request to the DFS client that failed.**

Action: The Reason Code indicates the operation that failed. Use the Return Code to determine the error and correct it.

0010   **An application passed a parameter in a w_pioctl request to the DFS client that was not valid.**

Action: Ensure that the Argument_length parameter is large enough to hold the File System name.

0011   **Storage cannot be obtained for a DFS client buffer.**

Action: Ensure that sufficient virtual storage is available in the DFS client address space.

0012   **An application specified a displacement that is too large for the DFS client.**

Action: Ensure that the file size is not too large for the DFS client. See the information on maximum file sizes in the Additional information on maximum file sizes is found in the *z/OS: Distributed File Service DFS Administration*, SC24-5915.

0013   **The DFS client call to osi_uiomove failed.**

Action: The Reason Code indicates the operation that failed. Use the Return Code to determine the error and correct it.

0014   **A read or write failed.**

Action: The Reason Code indicates the operation that failed. Use the Return Code to determine the error and correct it.

0015   **A readlink failed.**

Action: The Reason Code indicates the operation that failed. Use the Return Code to determine the error and correct it.

0016   **A readdir failed.**

Action: The Reason Code indicates the operation that failed. Use the Return Code to determine the error and correct it.

0017   **A truncate failed.**

Action: The Reason Code indicates the operation that failed. Use the Return Code to determine the error and correct it.

0018   **An fsync failed.**

Action: The Reason Code indicates the operation that failed. Use the Return Code to determine the error and correct it.

0019   **A v_get operation failed.**

Action: The Reason Code indicates the operation that failed. Use the Return Code to determine the error and correct it.

001A   **A getattr operation failed.**

Action: The Reason Code indicates the operation that failed. Use the Return Code to determine the error and correct it.

001B   **A setattr operation failed.**

Action: The Reason Code indicates the operation that failed. Use the Return Code to determine the error and correct it.

001C   **An access or create operation failed.**

Action: The Reason Code indicates the operation that failed. Use the Return Code to determine the error and correct it.

001D   **An open failed.**

Action: The Reason Code indicates the operation that failed. Use the Return Code to determine the error and correct it.

001E   **A close failed.**

Action: The Reason Code indicates the operation that failed. Use the Return Code to determine the error and correct it.

001F   **A mkdir failed.**

Action: The Reason Code indicates the operation that failed. Use the Return Code to determine the error and correct it.

0020   **A symlink failed.**

Action: The Reason Code indicates the operation that failed. Use the Return Code to determine the error and correct it.

0021 **A link failed.**

Action: The Reason Code indicates the operation that failed. Use the Return Code to determine the error and correct it.

0022 **An rmdir failed.**

Action: The Reason Code indicates the operation that failed. Use the Return Code to determine the error and correct it.

0023 **A remove failed.**

Action: The Reason Code indicates the operation that failed. Use the Return Code to determine the error and correct it.

0024 **A rename failed.**

Action: The Reason Code indicates the operation that failed. Use the Return Code to determine the error and correct it.

0025 **An internal inactive call failed.**

Action: The Reason Code indicates the operation that failed. Use the Return Code to determine the error and correct it.

0026 **An internal osi_copyin failed.**

Action: The Reason Code indicates the operation that failed. Use the Return Code to determine the error and correct it.

0027 **An internal recovery call failed.**

Action: The Reason Code indicates the operation that failed. Use the Return Code to determine the error and correct it.

0028 **A getacl buffer is too small.**

Action: Ensure that the buffer specified on sec_acl_lookup is large enough to hold the entire ACL. An ACL has a maximum size of 8K bytes.

0029 **The DFS client abended.**

Action: Wait until the DFS client restarts, then try the operation again.

DF01rrrr Reason Codes

0001 **The File Exporter Exit Routine determined that an unmount was attempted but the file system is busy.**

Action: Try the operation again. If it continues to fail, contact the service representative.

0002 **The File Exporter Exit Routine request for an open token failed.**

Action: An Open request failed. Retry the open. If it continues to fail, contact the service representative.

0003 **The File Exporter Exit Routine request for a token failed.**

Action: Try the operation again. If it continues to fail, contact the service representative.

0005 **The File Exporter Exit Routine was unable to find its Glue Anchor.**

Action: Try the operation again. If it continues to fail, contact the service representative.

0006 **The File Exporter Exit Routine was unable to obtain a recovery block.**

Action: Try the operation again. If it continues to fail, contact the service representative.

0007 **The File Exporter Exit Routine was called with an invalid operation.**

Action: Try your request again. If it continues to fail, contact the service representative.

0008 **A vnode operation has no File Exporter Exit Routine functional support.**

Action: Contact the service representative.

0009 **There was not enough memory for the Glue Anchor in the UNIX System Services Address Space.**

Action: Try your request again. If it continues to fail, contact the service representative.

000A   **There was not enough memory to create a Cell Pool for recovery blocks.**

Action: Try your request again. If it continues to fail, contact the service representative.

000B   **There was not enough memory to create a Cell Pool for wait structure blocks.**

Action: Try your request again. If it continues to fail, contact the service representative.

000D   **The File Exporter Exit Routine detected an invalid recovery block id.**

Action: Contact the service representative.

000E   **The File Exporter Exit Routine detected a missing FID.**

Action: Contact the service representative.

000F   **The File Exporter Exit Routine detected an invalid osictl header id.**

Action: Contact the service representative.

0010   **The File Exporter Exit Routine detected that an osictl has no optional parameter.**

Action: Contact the service representative.

0011   **The File Exporter Exit Routine detected that an invalid server initialization parameter.**

Action: Contact the service representative.

0012   **The File Exporter Exit Routine detected an invalid revoke token argument length.**

Action: Contact the service representative.

0013   **The File Exporter Exit Routine detected an invalid async grant token argument length.**

Action: Contact the service representative.

0014   **The File Exporter Exit Routine detected an invalid osictl request.**

Action: Contact the service representative.

0017   **The File Exporter Exit Routine detected an invalid change debug argument length.**

Action: Contact the service representative.

0018   **The File Exporter Exit Routine detected an invalid lockctl option parameter.**

Action: Contact the service representative.

DF02rrrr Reason Codes

0001   **The File Exporter Exit Routine sleep function could not get a wait structure from the Cell Pool.**

Action: Contact the service representative.

DF03rrrr Reason Codes

0001   **The File Exporter Exit Routine made an invalid request.**

Action: Contact the service representative.

EFxxrrrr Reason Codes

6001   **The File System is busy, cannot allow vnode operation.**

Action: There is another operation in progress that conflicts with this operation. Try your request again. If it continues to fail, contact the service representative.

6002   **Unable to establish the recovery environment.**

Action: Ensure that the zFS Physical File System is started. If it active and the error still occurs, contact the service representative.

6003   **Non-critical I/O wait failure.**

Action: Contact the service representative.

6004   **Latent error from prior operation not yet reported.**

Action: Contact the service representative.

6005   **File is deleted from system.**

Action: Contact the service representative.

6006   **Special file read error on vnode initialization.**

Action: Contact the service representative.

6007   **Could not initialize a new vnode due to anode handle create failure.**

Action: Contact the service representative.

6008   **Could not re-initialize a new vnode after a file system operation.**

Action: Contact the service representative.

6009   **Error returned from volStat function.**

Action: Contact the service representative.

600A   **File system not mounted yet.**

Action: Retry the operation. If it continues to fail, contact the service representative.

600B   **Vget failure not yet reported.**

Action: Contact the service representative.

600C   **Vget attributes fetch failure.**

Action: Contact the service representative.

600D   **Access failure.**

Action: Contact the service representative.

600E   **Failure getting attr specified in OSI struct.**

Action: Contact the service representative.

600F   **Failure getting index on volstat.**

Action: Contact the service representative.

6010   **Bad unique on vol_vget.**

Action: Contact the service representative.

6011   **No vnode found for FID.**

Action: Contact the service representative.

6012   **Could not open anode for vnode.**

Action: Contact the service representative.

6013   **Error from osi_getvnode.**

Action: Contact the service representative.

6014   **Error from osi_getvnode token.**

Action: Contact the service representative.

6015   **SAF CKACC returned error.**

Action: The user did not have the correct permission on the object for the operation requested. Change the permissions on the object or have a user that is authorized execute the operation.

6016   **SAF AUDIT returned error.**

Action: Contact the service representative.

6017   **Vm_schedule error.**

Action: Contact the service representative.

6018   **Bad input name from USS.**

Action: Ensure that the file/directory name is not longer than 256 characters. If the name length is valid, contact the service representative.

6019   **Creating a dir on vn_create.**

Action: Contact the service representative.

601A   **Directory operation on a vnode that is not a directory.**

Action: Contact the service representative.

601B   **Invalid operation on a zero-link count vnode**

Action: Ensure that the object still exists. If it does, contact your service representative.

601C   **Error creating a new file.**

Action: Contact the service representative.

601D   **Error inserting a name in a directory.**

Action: Contact the service representative.

601E   **Create failure.**

Action: Contact the service representative.

601F   **Vnode operation failed to get vnode token in a directory.**

Action: Contact the service representative.

6020   **Link failure.**

Action: Contact the service representative.

6021   **Try to hard link a directory, not allowed.**

Action: You cannot link to a directory. Correct the object being linked and try again.

6022   **Error searching directory during link creation.**

Action: Ensure that you have write access to the directory.

6023   **Error creating link, the link name already exists.**

Action: Ensure that the link name does not already exist.

6024   **A write operation to a read only filesystem.**

Action: Ensure that the file system is mounted read-write.

6025   **Error looking up a file.**

Action: Ensure the object exists. If it does, contact the service representative.

6026   **Error fetching file attributes.**

Action: Contact the service representative.

6027   **A lookup attempted on an object that was not a directory.**

Action: Ensure that the name containing the object being looked up is a directory.

6028   **A required name entry in a directory was not found.**

Action: Contact the service representative.

6029   **Entry in directory found but inode was stale.**

Action: Contact the service representative.

602A   **Unexpected error searching a directory.**

Action: Contact the service representative.

602B   **Error on mkdir request.**

Action: Contact the service representative.

602C **Name given by mkdir already exists.**

Action: Ensure that the directory name being created does not already exist.

602D **Error creating a sub-directory anode.**

Action: Contact the service representative.

602E **Error adding . and . . entries to the directory.**

Action: Contact the service representative.

602F **Error adding name to parent directory.**

Action: Contact the service representative.

6030 **Error truncating file during open.**

Action: Contact the service representative.

6031 **Try to remove link from a directory, not allowed.**

Action: Ensure that the pathname is not a directory.

6032 **Check 2 owners error.**

Action: Ensure that the user has permission to do the operation.

6033 **Attempt to delete a non-empty directory.**

Action: Ensure that the directory is empty before attempting to remove it.

6034 **Error attempting to remove a name from a directory.**

Action: Ensure that you are not attempting to remove the . or .. entry from the directory. Otherwise, contact the service representative.

6035 **General vn_remove error.**

Action: Contact the service representative.

6036 **Rmdir error.**

Action: Contact the service representative.

6037 **General rename error.**

Action: Contact the service representative.

6038 **Target directory is a descendant of source directory.**

Action: Ensure that the target of an mv is not the descendent of the source directory. For example, mv /a /a/b .

6039 **Target of rename is a directory while the source of rename is not.**

Action: Ensure that you are not attempting to rename a file to an existing directory.

603A **Target of rename is a directory but was not empty.**

Action: Ensure that the directory that is the target of a rename is empty.

603B **Error replacing name with new name in a directory.**

Action: Contact the service representative.

603C **General setattr error.**

Action: Contact the service representative.

603D **SAF chgmode error.**

Action: Ensure that you are authorized to change the permissions.

603E **SAF chgowner error.**

Action: Ensure that you are authorized to change the owner and that the new owner and group is valid.

603F **Attempt to truncate a directory, not allowed.**

Action: Ensure that you are not atttempting to truncate a directory.

6040 **SAF clrsetid error.**

Action: Contact the service representative.

6041 **SAF chaudit error.**

Action: Contact the service representative.

6042 **Guardtime check on setattr failed.**

Action: Contact the service representative.

6043   **Operation required owner privileges and user did not have them.**

Action: Ensure that you are the owner of the object.

6044   **Setattr truncation error.**

Action: Contact the service representative.

6045   **Symlink error.**

Action: Contact the service representative.

6046   **Symlink name already exists.**

Action: Ensure that the symlink name does not already exist.

6047   **Error writing symblink contents.**

Action: Contact the service representative.

6048   **Attempt to read past EOF.**

Action: Ensure that you are not attempting to read past the end of the file.

6049   **General file read error.**

Action: Contact the service representative.

604A   **General file write error.**

Action: Check the return code to determine why the write failed.

604B   **Uiomove failed, probably due to suer address space errors.**

Action: Contact the service representative.

604C   **Process limit was exceeded on write request.**

Action: Ensure that the user is not attempting to exceed the process file size limit.

604D   **Process limit was exceeded because it was not allowed to increase size of file.**

Action: Ensure that you are not attempting to exceed the process file size limit.

604E   **General VM cache failure.**

Action: Contact the service representative.

604F   **Readlink failure.**

Action: Contact the service representative.

6050   **Readlink for a vnote that was not a symlink.**

Action: Ensure that the target of a readlink is actually a symbolic link.

6051   **Readdir error.**

Action: Contact the service representative.

6052   **File truncate error.**

Action: Contact the service representative.

6053   **File sync error.**

Action: Contact the service representative.

6054   **Syntax error in PARM for MOUNT request.**

Action: Ensure that the PARM parameter string on the MOUNT command for the zFS file system is syntactically correct.

6055   **Error LOCATEing an HFS-compat aggregate.**

Action: Ensure that the zFS file system named on the MOUNT command has the same name as the VSAM Linear Data Set (and the HFS compatibility mode aggregate) that contains the file system.

6056   **HFS-compat mount, - name not VSAM LDS.**

Action: Ensure that the zFS file system named on the MOUNT command has the same name as the VSAM Linear Data Set (and the HFS compatibility mode aggregate) that contains the file system.

6057   **HFS-compat mount, - syntax in IOEFSPRM file.**

Action: Ensure that the syntax of the AGGRFULL option in the IOEFSPRM file is valid.

6058   **HFS-compat mount, - error attaching aggregate or was found not to be HFS-compat.**

Action: Ensure that the HFS compatibility mode aggregate that is being MOUNTed has a single read-write file system and the file system name is the same as the aggregate name (that is, the **VSAM** Linear

Data Set name). Otherwise, contact the service representative.

6059 HFS-compat mount, - error finding File System in aggregate.

Action: Ensure that the HFS compatibility mode aggregate that is being MOUNTed is an upper case file system name.

605A Attempt to mount a file system R/W on a R/O aggregate.

Action: Ensure that a file system that is contained in an aggregate that has been attached read-only is mounted read-only. Or, attach the aggregate read-write.

605B Attempt to mount a file system R/W that is inherently R/O, such as a backup or clone.

Action: Ensure that backup (clone) file systems are mounted read-only.

605C Fsfull config option syntax error in config file.

Action: Ensure that the syntax of the FSFULL option in the IOEFSPRM file is valid.

605D No root directory found for file system.

Action: Contact the service representative.

605E File system busy or unable to be mounted.

Action: There is another operation in progress that conflicts with this operation. Try your request again. If it continues to fail, contact the service representative.

605F File system already mounted.

Action: Ensure that you are specifying the correct file system name on the MOUNT.

6060 Invalid PFS control request command.

Action: Ensure that the application is specifying a valid pfsctl request.

6061 Failed obtaining request block for cross memory call.

Action: Contact the service representative.

6062 Failed obtaining data buffer for cross memory call.

Action: Contact the service representative.

6063 Failed obtaining data from the user buffer.

Action: Contact the service representative.

6064 Failed writing data into the user buffer.

Action: Contact the service representative.

6065 Failed obtaining user credential information by osi-_getcred.

Action: Contact the service representative.

6066 The caller is not uid 0.

Action: Ensure that you are properly authorized for this operation. This subcommand requires uid 0 or READ access to the SUPERUSER.FILESYS.PFSCTL profile in the UNIXPRIV.class

6067 Failure in osi_wait service.

Action: Contact the service representative.

6068 PFS control command failed.

Action: Check the return code to detemine why the pfsctl function failed.

6069 Insufficient space on aggregate.

Action: Ensure that there is sufficient space on the aggregate.

606A Container does not have an allocation handle.

Action: Contact the service representative.

606B Incorrect aggregate handle.

Action: Contact the service representative.

606C Incorrect anote handle.

Action: Contact the service representative.

606D Index is out of range or anode is not valid.

Action: Contact the service representative.

606E   Incorrect, undefined or inconsistent arguments.

Action: Contact the service representative.

606F   Incorrect device object.

Action: Contact the service representative.

6070   The acl or plist file handle is not valid.

Action: Contact the service representative.

6071   Incorrect, undefined or inconsistent command value.

Action: Contact the service representative.

6072   A volume table index is not valid.

Action: Contact the service representative.

6073   Fid unique identifier does not match.

Action: Contact the service representative.

6074   Fid volume ID does not match.

Action: Contact the service representative.

6075   Incorrect volume handle.

Action: Contact the service representative.

6076   Incorrect file handle.

Action: Contact the service representative.

6077   File cannot have negative link count.

Action: Contact the service representative.

6078   No additional volumes are in the aggregate.

Action: Contact the service representative.

6079   No additional containers are in the volume.

Action: Contact the service representative.

607A   Block is past the allocated end of the container.

Action: Contact the service representative.

607B   Block address is too large.

Action: Contact the service representative.

607C   Specified device already has an aggregate.

Action: Contact the service representative.

607D   Too many initialized aggregates.

Action: Contact the service representative.

607E   Specified volume ID already exists.

Action: Contact the service representative.

607F   Specified volume name already exists.

Action: Contact the service representative.

6080   Specified anode index already exists.

Action: Contact the service representative.

6081   A transaction must be specified.

Action: Contact the service representative.

6082   Block is interior to the container but is not allocated.

Action: Contact the service representative.

6083   Specified anode index does not exist.

Action: Contact the service representative.

6084   The anode does not contain a file.

Action: Contact the service representative.

6085   The container does not contain a volume table.

Action: Contact the service representative.

6086   The bitmap is not consistent with the superblock.

Action: Contact the service representative.

6087   The superblock does not lead to an AVL.

Action: Contact the service representative.

6088   **The file does not point to an acl container.**

Action: Contact the service representative.

6089   **Container is stored inline or fragmented.**

Action: Contact the service representative.

608A   **Container is stored inline or blocked.**

Action: Contact the service representative.

608B   **Container is stored fragmented or blocked.**

Action: Contact the service representative.

608C   **An anode being deleted is still open..**

Action: Contact the service representative.

608D   **An anode is not empty.**

Action: Contact the service representative.

608E   **Other containers using these blocks for copy-on-write purposes.**

Action: Contact the service representative.

608F   **Read operation extends past container length.**

Action: Contact the service representative.

6090   **Specified size of the status area is too large.**

Action: Contact the service representative.

6091   **Supplied status data extends too far.**

Action: Contact the service representative.

6092   **Insufficient memory to open another anode.**

Action: Contact the service representative.

6093   **Insufficient quota on volume.**

Action: Contact the service representative.

6094   **Copy-on-write is not available for this container.**

Action: Contact the service representative.

6095   **Block allocation of log is in error.**

Action: Contact the service representative.

6096   **Block allocation for bitmap ended in error.**

Action: Contact the service representative.

6097   **Error in copy-on-write reference.**

Action: Contact the service representative.

6098   **Management of multiple quota procedures not yet implemented.**

Action: Contact the service representative.

6099   **Initialization entry point called more than once.**

Action: Contact the service representative.

609A   **Object or module not properly initialized.**

Action: Contact the service representative.

609B   **Tried to insert a block that is already allocated.**

Action: Contact the service representative.

609C   **Tried to insert a block at incorrect location.**

Action: Contact the service representative.

609D   **Incorrect block insertion parameters.**

Action: Contact the service representative.

609E   **A rock was specified whose value was zero.**

Action: Contact the service representative.

609F   **A volume was referenced while going offline.**

Action: Contact the service representative.

60A0	**An aggregate was referenced while going offline.**
Action:	Contact the service representative.

60A1	**System-special file is, or may become, too big.**
Action:	Contact the service representative.

60A2	**The container does not contain a volume header.**
Action:	Contact the service representative.

60A3	**Volume does not have a root directory.**
Action:	Contact the service representative.

60A4	**Not yet implemented.**
Action:	Contact the service representative.

60A5	**Current operation is not finished.**
Action:	Contact the service representative.

60A6	**Anode must be copy-on-write.**
Action:	Contact the service representative.

60A7	**Write operation encountered an inconsistent state.**
Action:	Contact the service representative.

60A8	**Existing fragment group cannot be extended.**
Action:	Contact the service representative.

60A9	**Aggregate has some open volumes.**
Action:	Contact the service representative.

60AA	**Volume has some open anodes.**
Action:	Contact the service representative.

60AB	**A volume being deleted is still open.**
Action:	Contact the service representative.

60AC	**New length is inconsistent with storage method.**
Action:	Contact the service representative.

60AD	**Expected error #define not encountered.**
Action:	Contact the service representative.

60AE	**Script version number unknown to test program.**
Action:	Contact the service representative.

60AF	**Iterator value indicates previous is last.**
Action:	Contact the service representative.

60B0	**Aux type inappropriate for non-directory files.**
Action:	Contact the service representative.

60B1	**Anode block and offset pair is not valid.**
Action:	Contact the service representative.

60B2	**Same block is referenced more than once from two different anodes.**
Action:	Contact the service representative.

60B3	**Unable to process storage request during salvage.**
Action:	Contact the service representative.

60B4	**Copy on write block reference not in use in bitmap.**
Action:	Contact the service representative.

60B5	**Incorrect block anode has copoy on write references.**
Action:	Contact the service representative.

60B6	**Copy on write pointer is incorrect.**
Action:	Contact the service representative.

60B7	**Block references beyond anode length.**
Action:	Contact the service representative.

60B8	**Block references beyond device length.**
Action:	Contact the service representative.

60B9	Block reference to indirect block has inconsistent header.

Action: Contact the service representative.

60BA	Backing anode has incorrect indirect block.

Action: Contact the service representative.

60BB	Block not allocated.

Action: Contact the service representative.

60BC	Event already in set.

Action: Contact the service representative.

60BD	Event still part of some set.

Action: Contact the service representative.

60BE	Arguments are either incorrect, inconsistent, or not allowed.

Action: Contact the service representative.

60BF	Too many devices are initialized.

Action: Contact the service representative.

60C0	Device does not exist.

Action: Contact the service representative.

60C1	The buffer address given is not valid.

Action: Contact the service representative.

60C2	The log/buffer package was re initialized.

Action: Contact the service representative.

60C3	The specified memory region is too small.

Action: Contact the service representative.

60C4	The buffer is not valid.

Action: Contact the service representative.

60C5	The log has not been recovered.

Action: Contact the service representative.

60C6	The specified log was not valid..

Action: Contact the service representative.

60C7	The specified transaction is not valid.

Action: Contact the service representative.

60C8	The specified transaction is no longer valid.

Action: Contact the service representative.

60C9	The specified buffer could not be deleted.

Action: Contact the service representative.

60CA	The specified transaction is active.

Action: Contact the service representative.

60CB	The specified transaction has ended.

Action: Contact the service representative.

60CC	The specified transaction has completed.

Action: Contact the service representative.

60CD	The specified transaction has committed.

Action: Contact the service representative.

60CE	The specified variable is read-only.

Action: Contact the service representative.

60CF	The specified value is not valid.

Action: Contact the service representative.

60D0	The specified operationn is not valid.

Action: Contact the service representative.

60D1	No buffers were available to satisfy the request.

Action: Contact the service representative.

60D2	The log was not active.

Action: Contact the service representative.

60D3   **There are not free log buffers.**

Action: Contact the service representative.

60D4   **Cannot log additional devices.**

Action: Contact the service representative.

60D5   **The requested log already exists.**

Action: Contact the service representative.

60D6   **An insufficient number of buffers were given to the log.**

Action: Contact the service representative.

60D7   **Duplicate request to log_shutdown.**

Action: Contact the service representative.

60D8   **There is no available space on the log device.**

Action: Contact the service representative.

60D9   **One or more arguments are not valid.**

Action: Contact the service representative.

60DA   **Could not read log in for recovery.**

Action: Contact the service representative.

60DB   **An incorrect start record was found in the log.**

Action: Contact the service representative.

60DC   **A transaction was detected out-of-order..**

Action: Contact the service representative.

60DD   **An error was encountered.**

Action: Contact the service representative.

60DE   **An incorrect reference was found.**

Action: Contact the service representative.

60DF   **An incorrect log record was found.**

Action: Contact the service representative.

60E0   **VAn internal system check ended in error.**

Action: Contact the service representative.

60E1   **Anb incorrect log page was encountered.**

Action: Contact the service representative.

60E2   **A null pointer reference was detected.**

Action: Contact the service representative.

60E3   **An incorrect pointer was detected.**

Action: Contact the service representative.

60E4   **An incorrect record type was found during redo.**

Action: Contact the service representative.

60E5   **An incorrect record type was found during undo.**

Action: Contact the service representative.

60E6   **An I/O error was detected during recovery.**

Action: Contact the service representative.

60E7   **Recovery is complete.**

Action: Contact the service representative.

60E8   **Recovery must be run on this aggregate.**

Action: Contact the service representative.

60E9   **The requested operation would block.**

Action: Contact the service representative.

60EA   **A log page with an incorrect pass number was found.**

Action: Contact the service representative.

60EB   **Aggregate is already attached.**

Action: Contact the service representative.

60EC   **Obsolete error code.**

Action: Contact the service representative.

60ED   **Aggregate is not attached.**

Action: Contact the service representative.

60EE   **Aggregate may need to be recovered.**

Action: Contact the service representative.

60EF   **File System is locally mounted.**

Action: Contact the service representative.

60F0   **This File System has no backing File System.**

Action: Contact the service representative.

60F1   **File System does not exist.**

Action: Contact the service representative.

60F2   **Name is too long.**

Action: Contact the service representative.

60F3   **ID is not unique.**

Action: Contact the service representative.

60F4   **Name is not unique.**

Action: Contact the service representative.

60F5   **Incorrectly formed File System ID.**

Action: Contact the service representative.

60F6   **The aggregate is in use;detach before continuing.**

Action: Contact the service representative.

60F7   **Obsolete error code number 2.**

Action: Contact the service representative.

60F8   **Cannot find corresponding character device.**

Action: Contact the service representative.

60F9   **Device is locked; an administrative operation may be in progress.**

Action: Contact the service representative.

60FA   **Must specify a block device.**

Action: Contact the service representative.

60FB   **Must specify a character deivce.**

Action: Contact the service representative.

60FC   **Must specify a device.**

Action: Contact the service representative.

60FD   **Dump stream is damaged.**

Action: Contact the service representative.

60FE   **Out of memory.**

Action: Contact the service representative.

60FF   **Date of incremental dump is newer than the last modification.**

Action: Contact the service representative.

6100   **Version of incremental dump is newer than the last modification.**

Action: Contact the service representative.

6101   **End date of incremental dump is older than the last modification.**

Action: Contact the service representative.

6102   **End version of incrementatl dump is older than the last modification.**

Action: Contact the service representative.

6103   **Specified mount type is unknown.**

Action: Contact the service representative.

6104   **Specified File System is not head of File System chain.**

Action: Contact the service representative.

6105   **The restored File System is inconsistent.**

Action: Contact the service representative.

6106   **Validation failure for the ACL being restored.**

Action: Contact the service representative.

6107   **ACL being restored has a bad entry type.**

Action: Contact the service representative.

6108   **Defined parameters exceed the maximum.**

Action: Contact the service representative.

6109   **Internal parsing error.**

Action: Contact the service representative.

610A   **Too many values specified after a CMD_SINGLE switch.**

Action: Contact the service representative.

610B   **Too many parameters specified.**

Action: Contact the service representative.

610C   **Two or more mutually exclusive parameters used.**

Action: Contact the service representative.

610D   **Specify the minimum number of arguments.**

Action: Contact the service representative.

610E   **Unrecognized or ambiguous command name.**

Action: Contact the service representative.

610F   **Unrecognized or ambiguous switch name.**

Action: Contact the service representative.

6110   **<Unused>.**

Action: Contact the service representative.

6111   **Specify the required number of parameters.**

Action: Contact the service representative.

6112   **Specify a valid argument value.**

Action: Contact the service representative.

6113   **Unable to find appropriate commands.**

Action: Contact the service representative.

6114   **Token too large.**

Action: Contact the service representative.

6115   **File system in process of deletion.**

Action: Contact the service representative.

6116   **File System busy with list operation.**

Action: Contact the service representative.

6117   **File System busy with setstatus operation.**

Action: Contact the service representative.

6118   **File System busy with reclone operations.**

Action: Contact the service representative.

6119   **File System busy with clone operations.**

Action: Contact the service representative.

611A   **File System busy with setstatus operation.**

Action: Contact the service representative.

611B   **File System is being moved.**

Action: Contact the service representative.

611C   **File System operation in progress.**

Action: Contact the service representative.

611D   **File System has been deleted.**

Action: Contact the service representative.

611E   **File System busy with clone.**

Action: Contact the service representative.

611F   **File System is damaged.**

Action: Contact the service representative.

6120   **File System is out of service.**

Action: Contact the service representative.

6121   **Aggregate is being detached.**

Action: Contact the service representative.

6122   **A sync mount request could not be completed.**

Action: Contact the service representative.

6123   **A mount failed because zFS not fully initialized.**

Action: Contact the service representative.

6124   **Mount/umount for File System on a quiesced aggregate.**

Action: Ensure that the aggregate is not quiesced before a MOUNT or UNMOUNT of a file system in the aggregate is attempted.

6125   **Fsync attempted on non-regular file.**

Action: Ensure that the fsync operation is issued against a regular file.

6126   **Buffer size is 0 on a readdir attempt.**

Action: Ensure that the readdir buffer size is larger than 0.

6127   **FORMAT_BAD_BLOCKSIZE.**

Action: Contact the service representative.

6128   **FORMAT_BAD_FRAGSIZE.**

Action: Contact the service representative.

6129   **FORMAT_FRAGMENT_SIZE_ LARGER_ BLOCK.**

Action: Contact the service representative.

612A   **FORMAT_FRAGMENT_SIZE_ EVENLY_ DIVIDE.**

Action: Contact the service representative.

612B   **FORMAT_BLOCKS_PER_FRAG_ NOT_ POWER_TWO.**

Action: Contact the service representative.

612C   **FORMAT_BLOCK_SIZE_NOT_ LARGER_ QUANTAM.**

Action: Contact the service representative.

612D   **FORMAT_BLOCK_SIZE_NOT_ LARGER_COMPILE_TIME.**

Action: Contact the service representative.

612E   **FORMAT_BLOCK_SIZE_AT_LEAST_4K**

Action: Contact the service representative.

612F   **FORMAT_FRAG_SIZE_AT_LEAST_1K.**

Action: Contact the service representative.

6130   **FORMAT_FIRST_BLOCK_INFO.**

Action: Contact the service representative.

6131   **FORMAT_TOO_MANY_BLOCKS_ INITIALEMPTY.**

Action: Contact the service representative.

6132   **FORMAT_INITIALEMPTY_TOO_BIG.**

Action: Contact the service representative.

6133   **FORMAT_CANNOT_DEVOTE_BLOCKS.**

Action: Contact the service representative.

6134   **FORMAT_MIN_AGGR_LOG_SIZE.**

Action: Contact the service representative.

6135   **FORMAT_AGGREGATE_IS_MOUNTED.**

Action: Contact the service representative.

6136   **FORMAT_CANNOT_DETACH_ AGGREGATE.**

Action: Contact the service representative.

6137   **FORMAT_CANNOT_OPEN_LDS.**

Action: Contact the service representative.

6138 FORMAT_ALREADY_CONTAINS_zFS_
FILESYSTEM.

Action: The aggregate specified cannot be formatted
because it is attached. Either specify overwrite (using
caution) or if the incorrect aggregate was specified,
correct the aggregate name.

6139 FORMAT_PARTITION_TOO_SMALL.

Action: Contact the service representative.

613A FORMAT_PARTITION_TOO_SMALL_
BLOCK.

Action: Contact the service representative.

613B FORMAT_BAD_zFS_FORMAT.

Action: Contact the service representative.

613C FORMAT_COMMER_CALLING_
ASEVENT_INITDEVICE.

Action: Contact the service representative.

613D FORMAT_COMMER_INITIALIZING_
DEVICE.

Action: Contact the service representative.

613E FORMAT_ATTACH_FAILED.

Action: Contact the service representative.

613F FORMAT_COMPAT_CREATE_ERROR.

Action: Contact the service representative.

6140 FORMAT_BUF_NOMEM.

Action: Contact the service representative.

6141 FORMAT_CANNOT_SEEK_ADDRESS_
NEW_SUPERBLOCK.

Action: Contact the service representative.

6142 FORMAT_CANNOT_READ_NEW_
SUPERBLOCK.

Action: Contact the service representative.

6143 FORMAT_IO_ERROR.

Action: Contact the service representative.

6144 FORMAT_FSYNC_ERROR.

Action: Contact the service representative.

6145 FORMAT_COMMER_CREATING_
AGGR_DEVICE.

Action: Contact the service representative.

6146 FORMAT_COMPAT_OPENERR.

Action: Contact the service representative.

6147 FORMAT_COMPAT_SIZE.

Action: Contact the service representative.

6148 FORMAT_AGGREGATE_IS_ATTACHED.

Action: Contact the service representative.

6149 FORMAT_ATTACH_ONERROR_FAILED.

Action: Contact the service representative.

6150 Lookup failure for volser for aggregate
attach.

Action: Contact the service representative.

6151 Write past largest supported zFS file
size.

Action: Ensure that the size of the pfsctl parameter list
is 32 bytes.

6152 PFS control parm list is invalid.

Action: Ensure that the size of the pfsctl parameter list
is 32 bytes.

6200 Filesys delete pfsctl did not find file
system.

Action: File system was not found. Correct the file
system name and try again.

6201 Unexpected file system open failure.

Action: Contact the service representative.

6202 File system or its backup is mounted.

Action: Unmount the file system and its backup file
system before deleting the file system.

6203   **File system getstatus call failed.**

Action: Contact the service representative.

6204   **File system setstatus call failed.**

Action: Contact the service representative.

6205   **File system sync status call failed.**

Action: Contact the service representative.

6206   **File system unclone of forward file system failed.**

Action: Contact the service representative.

6207   **File system sync failed.**

Action: Contact the service representative.

6208   **File system setstatus on 2 file systems failed.**

Action: Contact the service representative.

6209   **File system destroy of file systems failed.**

Action: Contact the service representative.

620A   **File system sync of aggregate failed.**

Action: Contact the service representative.

620B   **File system close failed.**

Action: Contact the service representative.

620C   **File system was found busy with another operation.**

Action: Another file system operation is in progress. Reissue this operation when the other file system operation has completed.

620D   **Aggregate is attached R/O.**

Action: The file system cannot be deleted because the aggregate is attached read-only.

620E   **Aggregate specified does not match aggregate found.**

Action: The aggregate specified for the file system to be deleted in incorrect.

6210   **File system delete pfsctl did not find file system.**

Action: File system was not found. Correct the file system name and try again..

6211   **Unexpected file system open failure.**

Action: Contact the service representative.

6212   **File system or its backup is mounted.**

Action: Unmount the file system and its backup file system before deleting the file system..

6213   **File system getstatus call failed.**

Action: Contact the service representative.

6214   **File system setstatus call failed.**

Action: Contact the service representative.

6215   **File system sync status call failed.**

Action: Contact the service representative.

6216   **File system unclone of forward file system failed.**

Action: Contact the service representative.

6217   **File system sync failed.**

Action: Contact the service representative.

6218   **File system setstatus on 2 file systems failed.**

Action: Contact the service representative.

6219   **File system destroy of file systems failed.**

Action: Contact the service representative.

621A   **File system sync of aggregate failed.**

Action: Contact the service representative.

621B   **File system close failed.**

Action: Contact the service representative.

621C   **File system was found busy with another operation.**

Action: Another file system operation is in progress. Reissue this operation when the other file system operation is completed.

621D   Aggregate is attached R/O.

Action: The file system cannot be deleted because the aggregate is attached read-only.

621E   Aggregate specified does not match aggregate found.

Action: The aggregate specified for the file system to be deleted is incorrect.

6220   Attempt to rename backup wihout renaming R/W too.

Action: Rename both the R/W and the backup file systems by renaming the R/W file system.

6221   Attempt to rename a file system to a name ending in ″.bak″.

Action: You cannot rename a file system to a name ending in ″.bak″.

6222   Source file system not found.

Action: Source file system of a rename could not be found. Correct the source name and try again.

6223   Could not open file system.

Action: Contact the service representative.

6224   File system busy with other operation.

Action: Another file system operation is in progress. Reissue this operation when the other file system operation is completed.

6225   R/W or backup file system is mounted.

Action: Unmount the file system and its backup file system before renaming the file system..

6226   Target file system exists.

Action: The target file system already exists. Use a different target file system name for the rename and try again.

6227   Setstatus failure for rename.

Action: Contact the service representative.

6228   Close on file system failed.

Action: Contact the service representative.

6229   Rename attempted on aggregate which is R/O.

Action: The file system cannot be renamed because the aggregate is attached read-only.

622A   Aggregate specified does not match aggregate found.

Action: The aggregate specified for the file system to be renamed is incorrect.

622B   New backup name too long.

Action: The new name for the backup file system would be more than 44 characters including the ″.bak″. Shorten the new name to 40 characters or less.

622C   Source aggregate does not match target aggregate.

Action: The aggregate specified for the source file system does not match the aggregate specified for the target file system. Specify the same aggregate for the source and target file systems.

6230   File system not found.

Action: The specified file system cannot be found. The compatibility mode file system may need to be mounted or the multi-file system aggregate may need to be attached.

6231   File system busy with other operation.

Action: Another file system operation is in progress. Reissue this operation when the other file system operation is completed.

6232   File system could not be opened, unexpected error occurred.

Action: Contact the service representative. bytes.

6233   Could not set status of file system.

Action: Contact the service representative.

6234   File system could not be closed.

Action: Contact the service representative.

6235   File system or aggregate is R/O.

Action: The quota could not be set for the file system because the aggregate is attached read-only.

6236   Aggregate specified does not match aggregate found.

Action: The aggregate specified for the file system does not match the aggregate where the file system exists. Specify the correct aggregate for the file system.

6237   Quota smaller than minimum allowed

Action: Ensure that the quota specification is at least 128 (meaning 128K bytes).

6239   Aggregate not found.

Action: The aggregate specified cannot be found. Correct the aggregate name and try again.

623A   Bad unquiesce handle passed in.

Action: The handle passed to unquiesce is incorrect. Use the quiesce handle received from the quiesce.

623B   Error closing file system.

Action: Contact the service representative. bytes.

623E   Aggregate not found.

Action: The aggregate specified cannot be found. Correct the aggregate name and try again.

623F   Aggregate already quiesced or quiescing, or unquiescing.

Action: The aggregate is already quiesced or a quiesce or unquiesce operation is already in progress for this aggregate. If you are doing a grow operation, the aggregate should not be already quiesced.

6240   Aggregate sync operation failed.

Action: Contact the service representative.

6241   One or more file systems busy with other operations.

Action: Use the error code to determine why the file system could not be quiesced during the aggregate quiesce.

6245   File system not found.

Action: The specified file system cannot be found. The compatibility mode file system may need to be mounted or the multi-file system aggregate may need to be attached.

6246   File system is busy.

Action: The file system is busy with another file system operation. Try again later.

6247   File system could not be opened for status.

Action: Contact the service representative.

6248   Failure retrieving status from opened file system.

Action: Contact the service representative.

6249   Failure closing file system.

Action: Contact the service representative.

624A   Aggregate specified does not match aggregate found.

Action: The aggregate specified for the file system does not match where the file system exists.

624D   Invalid parms in request.

Action: An invalid parameter was passed. Correct the parameter and try again.

624E   Aggregate not found.

Action: The aggregate specified cannot be found. Correct the aggregate name and try again.

624F   Failure retrieving status from aggregate.

Action: Contact the service representative.

6252   Aggregate not found.

Action: The aggregate specified cannot be found. Correct the aggregate name and try again.

6253   Detach cannot proceed because aggregate is quiesced.

Action: Unquiesce the aggregate before detaching it.

6254   Detach cannot proceed because file systems are mounted.

Action: Unmount the file systems before detaching the aggregate.

6255 **Detach failed because some file systems could not be closed.**

Action: Contact the service representative.

6258 **Aggregate not found.**

Action: The aggregate specified cannot be found. Correct the aggregate name and try again.

6259 **Aggregate could not be grown. It is attached in R/O mode.**

Action: The aggregate must be attached read-write to do a grow.

625A **Aggregate is not quiesced.**

Action: Contact the service representative.

625B **Could not get aggregate stats.**

Action: Contact the service representative.

625C **Could not grow quota in compat aggregate R/W file system.**

Action: Contact the service representative.

625D **Unexpected error growing aggregate.**

Action: If the error code is 8, you may have specified a new size smaller than the current size, a new size of zero with a zero secondary allocation on the data set, or there may not be sufficient space on the volume(s). Otherwise, contact the service representative.

6260 **Aggregate not attached.**

Action: The aggregate must be attached before a file system can be created in it.

6261 **Aggregate is quiesced.**

Action: Unquiesce the aggregate before attempting to create a file system in it.

6262 **File system name to be created ends in .bak.**

Action: Do not use a file system name that ends in ″.bak″. This is reserved for backup file systems created via clone. Use a file system name that does not end in ″.bak″.

6263 **File system with name already exists.**

Action: Use a file system name that does not already exist.

6264 **Unexpected error attaching newly created file system.**

Action: Contact the service representative.

6265 **Error adding file system to aggregate file system table on disk.**

Action: Contact the service representative.

6266 **Error creating root directory in new file system.**

Action: Contact the service representative.

6267 **Error opening root directory vnode in new file system.**

Action: Contact the service representative.

6268 **Error adding . and .. to root directory.**

Action: Contact the service representative.

6269 **Aggregate attached R/O, cannot create file systems.**

Action: The aggregate must be attached read-write to create a file system in it.

626A **Aggregate is COMPAT aggregate, cannot create new file systems on it.**

Action: You cannot create another read-write file system in a compatibility mode aggregate. If you really want to do this, you must unmount it, then attach the aggregate and create the file system. This will, however, change the aggregate from being a compatibility mode aggregate to a multi-file system aggregate.

626B **Quota smaller than minimum allowed.**

Action: Specify a quota of at least 128 when creating a file system. (128 means 128K).

626D **AGGR_ATTACH passed in is invalid.**

Action: Ensure that you did not specify both AGGR_NBS and AGGR_NONBS and try again.

626E   **Aggregate already attached.**

Action: None.

626F   **Aggregate attach failed.**

Action: Contact the service representative.

6270   **Some file systems on aggregate could not be opened.**

Action: Contact the service representative.

6271   **Cannot run required recovery since aggregate is being attached read-only.**

Action: Attach aggregate as read-write so that recovery can be run. Aggregate can then be detached and then attached as read-only.

6273   **Buffer or bufsize is zero, but not both.**

Action: Either buffer offset or buffer size is zero but the other is not. You must have either a buffer offset and a buffer size or you must set them both to zero.

6274   **Buffer passed is too small.**

Action: The buffer passed is too small to hold the array of AGGR_IDs. The size needed is returned in the size parameter.

6277   **Buffer or bufsize is zero, but not both.**

Action: Either buffer offset or buffer size is zero but the other is not. You must have either a buffer offset and a buffer size or you must set them both to zero.

6278   **Buffer passed is too small.**

Action: The buffer passed is too small to hold the array of FS_IDs. The size needed is returned in the size parameter.

6279   **Aggregate not found.**

Action: The aggregate specified in the LISTFSNAMES paramter cannot be found. You may need to attach the aggregate. Correct the problem and try again.

627A   **Aggregate deleted.**

Action: The aggregate specified is being detached. To list the file systems in the aggregate, it must be attached.

627B   **AG_VOLINFO failed.**

Action: Contact the service representative.

6280   **FS_ID missing.**

Action: Ensure the offset to an FS_ID is passed in parms0.

6281   **File system not in specified aggregate.**

Action: The aggregate specified does not contain the specified file system.

6282   **Aggregate not found.**

Action: The aggregate specified cannot be found. You may need to attach the aggregate. Correct the problem and try again.

6283   **Aggregate not attached.**

Action: The aggregate specified is being detached. To clone the file system, the aggregate containing it must be attached.

6284   **Aggregate is quiesced.**

Action: The aggregate must be unquiesced before a file system in the aggregate can be cloned.

6285   **Aggregate is readonly.**

Action: The aggregate must be attached in read-write mode before a file system in the aggregate can be cloned..

6286   **AG_STAT failed.**

Action: Contact the service representative.

6287   **File system not found.**

Action: The file system to be cloned cannot be found. Correct the name and try again.

6288   **File system not read-write.**

Action: The file system to be cloned is not a read-write file system (that is, it is a backup file system). Correct the name and try again.

6289   **File system is not zFS.**

Action: The file system specified is not a zFS file system.

628A   **File system open failed.**

Action: Contact the service representative.

628B   **File system get status failed.**

Action: Contact the service representative.

628C   **File system open failed.**

Action: Contact the service representative.

628D   **File system get status failed.**

Action: Contact the service representative.

628E   **File system mounted.**

Action: If the backup file system exists, ensure that it is not mounted.

628F   **File system set status failed.**

Action: Contact the service representative.

6290   **Reclone failed.**

Action: Contact the service representative.

6291   **File system sync failed.**

Action: Contact the service representative.

6292   **Backup file system sync failed.**

Action: Contact the service representative.

6293   **File system close failed.**

Action: Contact the service representative.

6294   **Corrupted file system.**

Action: Contact the service representative.

6295   **File system create failed.**

Action: Contact the service representative.

6296   **File system bulk set status failed.**

Action: Contact the service representative.

6297   **File system push failed.**

Action: Contact the service representative.

6298   **File system push failed.**

Action: Contact the service representative.

6299   **Vol_clone failed.**

Action: Contact the service representative.

629A   **File system set status failed.**

Action: Contact the service representative.

629B   **File system set status failed.**

Action: Contact the service representative.

629C   **File system close failed.**

Action: Contact the service representative.

629D   **Cannot clone, .bak too long.**

Action: The read-write file system name is too long to create a backup file system. It must be less than or equal to 40 characters.

| **629E**   **AGGR_FORMAT eyecatcher invalid**

| **Action:** The eyecatcher in the AGGR_ FORMAT
| structure is incorrect. It must be ″AGFM″.

| **629F**   **AGGR_FORMAT length invalid**

| **Action:** The length of the AGGR_FORMAT structure is
| incorrect. It must be 116 bytes..

62A2   **AGGR_ID eyecatcher invalid.**

Action: The eyecatcher in the AGGR_ID structure is incorrect. It must be ″AGID″.

62A3   **AGGR_ID length invalid.**

Action: The length of the AGGR_ID structure is incorrect. It must be 84 bytes..

62A4   **AGGR_ID version invalid.**

Action: The version of the AGGR_ID must be 1.

62A5   **AGGR_ID reserved invalid.**

Action: AGGR_ID reserved fields must be set to binary zeros.

62A6　　　　　**AGGR_ID name too long.**

Action:　The aggregate name in the AGGR_ID must be no longer than 44 characters.

62A7　　　　　**AGGR_ID name not specified.**

Action:　The aggregate name in the AGGR_ID must be specified.

62AA　　　　　**AGGR_ATTACH eyecatcher invalid.**

Action:　The eyecatcher in the AGGR_ATTACH structure is incorrect. It must be ″AGAT″.

62AB　　　　　**AGGR_ATTACH length invalid.**

Action:　The length of the AGGR_ATTACH structure is incorrect. It must be 268 bytes.

62AC　　　　　**AGGR_ATTACH version invalid.**

Action:　The version of the AGGR_ATTACH must be 1.

62AD　　　　　**AGGR_ATTACH reserved invalid.**

Action:　AGGR_ATTACH reserved fields must be set to binary zeros.

62AE　　　　　**AGGR_ATTACH both NBS and NONBS specified.**

Action:　You can specify NBS or NONBS or neither in the AGGR_ATTACH. You cannot specify both.

62AF　　　　　**AGGR_ATTACH increment invalid.**

Action:　The increment percent must be greater than or equal to 1 and less than or equal to 99 .

62B0　　　　　**AGGR_ATTACH threshold invalid.**

Action:　The threshold percent must be greater than or equal to 1 and less than or equal to 99.

62B3　　　　　**AGGR_STATUS eyecatcher invalid.**

Action:　The AGGR_STATUS eyecatcher must be ″AGST″.

62B4　　　　　**AGGR_STATUS length invalid.**

Action:　The AGGR_STATUS length must be 172 bytes.

62B5　　　　　**AGGR_STATUS version invalid.**

Action:　The AGGR_STATUS version must be 1.

62B8　　　　　**FS_ID eyecatcher invalid.**

Action:　The FS_ID eyecatcher must be ″FSID″.

62B9　　　　　**FS_ID length invalid.**

Action:　The FS_ID length must be 140 bytes for an FS_ID or 200 bytes for an FS_ID2.

62BA　　　　　**FS_ID version invalid.**

Action:　The FS_ID version must be 1 or 2.

62BB　　　　　**FS_ID reserved invalid.**

Action:　FS_ID reserved fields must be binary zeros.

62BC　　　　　**FS_ID aggregate name too long.**

Action:　The FS_ID aggregate name must be less than or equal to 44 characters.

62BD　　　　　**FS_ID aggregate name not specified.**

Action:　The FS_ID aggregate name must be specified.

62BE　　　　　**FS_ID fs name not specified.**

Action:　The FS_ID file system name must be specified.

62BF　　　　　**FS_ID fs name not too long.**

Action:　The FS_ID file system name must be less than or equal to 44 characters.

62C0　　　　　**FS_ID fs name contains invalid characters.**

Action:　The FS_ID file system name can only contain a valid zFS file system name. See the *z/OS: Distributed File Service zSeries File System Administration*, SC24-5989for information on valid zFS file system names.

62C3　　　　　**FS_STATUS eyecatcher invalid.**

Action:　The FS_STATUS eyecatcher must be ″FSST″.

62C4　　　　　**FS_STATUS length invalid.**

Action:　The FS_STATUS length must be 396 bytes.

62C5　　　**FS_STATUS version invalid.**

Action:　The FS_STATUS version must be 1.

62C8　　　**FILESYS_DATA eyecatcher invalid.**

Action:　The FILESYS_DATA eyecatcher must be ″FSDT″.

62C9　　　**FILESYS_DATA length invalid.**

Action:　The length of the FILESYS_DATA must be 92 bytes.

62CA　　　**FILESYS_DATA version invalid.**

Action:　The FILESYS_DATA version must be 1.

62CB　　　**FILESET_DATA reserved invalid.**

Action:　FILESYS_DATA reserved fields must be binary zeros.

62CC　　　**FILESYS_DATA quota invalid.**

Action:　The quota must be less than or equal to 4294967295. This is 1 K blocks.

62CF　　　**Syscall_parmlist bad offset at parm0.**

Action:　The offset at parms0 must be 32.

62D0　　　**Syscall_parmlist parms0 truncated.**

Action:　The pfsctl argument must be increased to contain the entire required argument.

62D1　　　**Syscall_parmlist parms0 missing.**

Action:　A non-zero parms0 must be specified.

62D2　　　**Syscall_parmlist bad offset at parms1.**

Action:　The offset at parms1 must contain the correct offset for the required parameters.

62D3　　　**Syscall_parmlist parms1 truncated.**

Action:　The pfsctl argument must be increased to contain the entire required argument.

62D4　　　**Syscall_parmlist parms1 missing.**

Action:　A non-zero parms1 must be specified.

62D5　　　**Syscall_parmlist bad offset at parms2.**

Action:　The offset at parms2 must contain the correct offset for the required parameters.

62D6　　　**Syscall_parmlist parms2 truncated.**

Action:　The pfsctl argument must be increased to contain the entire required argument.

62D7　　　**Syscall_parmlist parms2 missing.**

Action:　A non-zero parms2 must be specified.

62D8　　　**Syscall_parmlist bad offset at parms3.**

Action:　The offset at parms3 must contain the correct offset for the required parameters.

62D9　　　**Syscall_parmlist parms3 truncated.**

Action:　The pfsctl argument must be increased to contain the entire required argument.

62DA　　　**Syscall_parmlist parms3 missing.**

Action:　A non-zero parms3 must be specified.

62DB　　　**Syscall_parmlist unexpected opcode.**

Action:　Provide a valid subcommand opcode.

62DC　　　**Syscall_parmlist unexpected command.**

Action:　Provide a valid zFS pfsctl command.

62E1　　　**Anode open failed.**

Action:　Contact the service representative.

62E2　　　**Object at index is not volume.**

Action:　Contact the service representative.

62E3　　　**Volume open failed.**

Action:　Contact the service representative.

62E4　　　**Cannot get enough memory for aggregate list.**

Action:　Contact the service representative.

62E5　　　**Cannot get non-growing aggregate list. Try later.**

Action:　The number of attached aggregates grew several times during a request to list attached aggregate names. Try again later.

62E6 **A syscall parmlist is invalid (invalid length).**

Action: The argument length must be at least large enough to hold the syscall parmlist.

6300 **Getacl request for default object acls, but not on a directory**

Action: Issue the request against a directory.

6301 **zfsadm format error when -size > default size and grow error**

Action: Ensure that space is available on the volume(s). If space is available and it still fails, contact the service representative.

6310 **no storage for idcams parms**

Action: If storage is not available, run IDCAMS as a batch job.

6311 **idcams failed**

Action: Examine the messages in the message buffer for the reason for the failure.

6312 **no aggregate in AGGR_DEFINE**

Action: Specify the aggregate name in the AGGR_DEFINE.

6313 **aggregate too long**

Action: Specify an aggregate name of 44 characters or less.

6314 **catalog too long**

Action: Specify a catalog name of 44 characters or less.

6315 **data class too long**

Action: Specify a data class name of 8 characters or less.

6316 **management class too long**

Action: Specify a management class name of 8 characters or less.

6317 **model too long**

Action: Specify a model name of 44 characters or less.

6318 **model catalog too long**

Action: Specify a model catalog name of 44 characters or less.

6319 **storage class too long**

Action: Specify a storage class name of 8 characters or less.

631A **invalid number of volumes**

Action: Specify a number of volumes as a number between (and including) 0 to 59.

631B **volume too long**

Action: Specify volume names of 6 characters or less.

631C **invalid primary**

Action: Specify a primary allocation size of greater than 0.

631D **invalid secondary**

Action: Specify a non-negative secondary allocation size (0 is allowed).

631E **invalid space unit**

Action: If a space unit is specified, it must be cylinders (1), Kilobytes (2), Megabytes (3), Records (4), or Tracks (5).

631F **name is blank**

Action: Specify a non-blank volume for each of the count of volumes specified in the numVolumes field in AGGR_DEFINE.

6320 **AGGR_DEFINE eyecatcher invalid**

Action: The eyecatcher for the AGGR_DEFINE must be ″AGDF″.

6321 **AGGR_DEFINE length invalid**

Action: The AGGR_DEFINE length must be 772.

6322 **AGGR_DEFINE version invalid**

Action: The AGGR_DEFINE version must be 1.

6323 **AGGR_DEFINE reserved invalid**

Action: AGGR_DEFINE reserved fields must be binary zeros.

6324   **USS Mount FILESYSTEM option invalid**

Action: Specify allowable zFS file system name characters. These are documented in the zFS Distributed File Service zFS Administration (SC24-5989) under zfsadm create.

6325   **Aggregate name invalid**

Action: Specify allowable zFS aggregate name characters. These are documented in the zFS Distributed File Service zFS Administration (SC24-5989) under ioeagfmt.

6400   **USER cache size too big**

Action: Ensure that the -user_cache_size value specified is less than 65536M.

6401   **Could not create a data space**

Action: Contact the service representative.

6402   **Could not extend a data space**

Action: Contact the service representative.

6403   **Could not create a new admin thread**

Action: Contact the service representative.

6404   **Tried to exceed log buffer cache size limit which is 2GB-8192 bytes**

Action: Specify a log cache size of 2097148K or less.

6405   **Could not extend the log buffer dataspace**

Action: Contact the service representative.

6406   **Attempt to set metacache too small, min is 1M**

Action: Specify a meta cache size of 1M or more.

6407   **Attempt to set metacache too big, max is 1G**

Action: Specify a meta cache size of 1024M or less.

6408   **Attempt to change metacache size failed**

Action: The meta cache size could not be made smaller than the current size. Continue to run with the current size or try again later.

6409   **Attempt to set tran cache too small, min is 200**

Action: Specify a tran cache size of 200 or more.

640A   **Attempt to set tran cache too big, max is 10000000**

Action: Specify a tran cache size of 10000000 or less.

640B   **Attempt to change tran cache size failed**

Action: The tran cache size could not be made smaller than the size specified. Continue to run with the current size or try again later.

640C   **Attempt to set vnode cache too small, min is 32**

Action: Specify a vnode cache size of 32 or more.

640D   **Attempt to set vnode cache too big, max is 1000000**

Action: Specify a vnode cache size of 1000000 or less.

640E   **Attempt to change vnode cache size failed**

Action: The vnode cache size could not be made smaller than the size specified. Continue to run with the current size or try again later.

640F   **Attempt to set log cache size too small**

Action: Specify a log cache size of 10M or more.

6410   **Attempt to set metacache backing too small, min is 1M**

Action: Specify a metaback cache size of 1M or larger.

6411   **Attempt to set metacache backing too big, max is 1G**

Action: Specify a metaback cache size of 1024M or smaller.

6412   **Attempt to change metacache backing size failed**

Action: Contact the service representative.

6413   **CFG_OPTION structure invalid**

Action: Correct the CFG_OPTION structure.

6414   **option value string (co_string) was not syntactically correct in CFG_OPTION struct**

Action: Correct the value for the co_string.

6415   **Sync interval smaller than 10 second minimum**

Action: Specify a sync interval of 10 or greater.

6416   **Attempt to make the USER cache too small**

Action: Specify a configuration option USER_CACHE_SIZE value of 10M or greater.

6417   **Thread pool set too small**

Action: Specify a configuration option ADM_THREADS value of 1 or greater.

6418   **Too many threads attempted**

Action: Specify a configuration option ADM_THREADS value of 256 or less.

6419   **Both file system and mount specified**

Action: Specify either USS FILE SYSTEM_NAME or zFS aggregate name, but not both.

6420   **Both aggregate and mount specified**

Action: Specify either USS FILE SYSTEM_NAME or zFS aggregate name, but not both.

6421   **mount name not found**

Action: Specify the correct USS file system (mounted) name.

6422   **filesystem not found**

Action: Specify the correct zFS file system name or the correct aggregate that contains the zFS file system.

6423   **aggregate not found**

Action: Specify the correct aggregate name.

6424   **File system name not unique**

Action: The zFS file system name is not unique. Specify the aggregate that the file system resides in.

6425   **File system name not found**

Action: The file system is not in an attached aggregate. Correct the file system name or attach the aggregate containing the file system.

6426   **syscall_parmlist bad offset at parm4**

Action: Specify the correct offset in parm4.

6427   **syscall_parmlist parm4 truncated**

Action: Specify a size to include all the parms.

6428   **syscall_parmlist parm4 missing**

Action: Specify parm4.

6429   **cannot honor request to enforce unique filesystem because there are already non-unique file systems**

Action: Either do not attempt to disallow duplicate file systems or ensure that file system names are unique.

642A   **cannot specify aggrgrow and noaggrgrow on the zfsadm attach command**

Action: You can specify AGGRGROW or NOAGGRGROW or neither in the AGGR_ATTACH. You cannot specify both.

651C   **Parms0 is not zero**

Action: The offset at parms0 must be set to zero.

651D   **Parms1 is not set to zero**

Action: The offset at parms1 must be set to zero.

651E   **Parms2 is not set to zero**

Action: The offset at parms2 must be set to zero.

651F   **Parms3 is not set to zero**

Action: The offset at parms3 must be set to zero.

6520   **Parms4 is not set to zero**

Action: The offset at parms4 must be set to zero.

| **6521** | **Parms5is not set to zero**

Action: The offset at parms5 must be set to zero.

| **6522** | **Parms6 is not set to zero**

Action: The offset at parms6 must be set to zero.

Appendix B. Accessibility

Accessibility features help a user who has a physical disability, such as restricted mobility or limited vision, to use software products successfully. The major accessibility features in z/OS enable users to:

- Use assistive technologies such as screen-readers and screen magnifier software
- Operate specific or equivalent features using only the keyboard
- Customize display attributes such as color, contrast, and font size.

Using assistive technologies

Assistive technology products, such as screen-readers, function with the user interfaces found in z/OS. Consult the assistive technology documentation for specific information when using it to access z/OS interfaces.

Keyboard navigation of the user interface

Users can access z/OS user interfaces using TSO/E or ISPF. Refer to *z/OS TSO/E Primer*, SA22-7787, *z/OS TSO/E User's Guidez/OS: TSO/E Primer*, SA22-7794*z/OS: TSO/E User's Guide*, and *z/OS ISPF User's Guide Volume I*, SC34-4822, *z/OS: ISPF User's Guide Volume I* for information about accessing TSO/E and ISPF interfaces. These guides describe how to use TSO/E and ISPF, including the use of keyboard shortcuts or function keys (PF keys). Each guide includes the default settings for the PF keys and explains how to modify their functions.

Appendix C. Notices

References in this publication to IBM products, programs or services do not imply that IBM intends to make these available in all countries in which IBM operates.

Any reference to an IBM product, program, or service is not intended to state or imply that only IBM's product, program, or service may be used. Any functionally equivalent product, program or service that does not infringe any of IBM's intellectual property rights may be used instead of the IBM product, program, or service. Evaluation and verification of operation in conjunction with other products, except those expressly designated by IBM, is the user's responsibility.

IBM may have patents or pending patent applications covering subject matter in this document. The furnishing of this document does not give you any license to these patents. You can send license inquiries, in writing, to:

IBM Director of Licensing
IBM Corporation
North Castle Drive
Armonk, NY USA 10504-1785

For license inquiries regarding double-byte (DBCS) information, contact the IBM Intellectual Property Department in your country or send inquiries, in writing, to:

IBM World Trade Asia Corporation
Licensing
2-31 Roppongi 3-chome, Minato-ku
Tokyo 106, Japan

The following paragraph does not apply to the United Kingdom or any other country where such provisions are inconsistent with local law: INTERNATIONAL BUSINESS MACHINES CORPORATION PROVIDES THIS PUBLICATION ″AS IS″ WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF NON-INFRINGEMENT, MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Some states do not allow disclaimer of express or implied warranties in certain transactions, therefore, this statement may not apply to you.

This information could include technical inaccuracies or typographical errors. Changes are periodically made to the information herein; these changes will be incorporated in new editions of the publication. IBM may make improvements and/or changes in the product(s) and/or the program(s) described in this publication at any time without notice.

Any references in this information to non-IBM Web sites are provided for convenience only and do not in any manner serve as an endorsement of those Web sites. The materials at those Web sites are not part of the materials for this IBM product and use of those Web sites is at your own risk.

IBM may use or distribute any of the information you supply in any way it believes appropriate without incurring any obligation to you.

Licensees of this program who wish to have information about it for the purposes of enabling: (i) the exchange of information between independently created programs (including this one) and (ii) the mutual use of the information which has been exchanged, should contact:

IBM Corporation
Mail Station P300
2455 South Road
Poughkeepsie, NY 12601-5400
USA
Attention: Information Request

Such information may be available, subject to appropriate terms and conditions, including in some cases, payment of a fee.

This publication contains examples of data and reports used in daily business operations. To illustrate them as completely as possible, the examples include the names of individuals, companies, brands, and products. All of these names are fictitious and any similarity to the names and addresses used by an actual business enterprise is entirely coincidental.

Trademarks

The following terms are trademarks of the IBM Corporation in the United States or other countries or both:

Table 1. Trademarks

BookManager	DFSMS/MVS	IBM
IBMLink	Library Reader	RACF
Resource Link	z/OS	z/OS.e
zSeries		

Microsoft, Windows, Windows NT, and the Windows logo are trademarks of Microsoft Corporation in the United States, other countries, or both.

UNIX is a registered trademark of The Open Group in the United States and other countries.

Other company, product, and service names, may be trademarks or service marks of others.

The following statements are provided by the Open Software Foundation.

The information contained within this document is subject to change without notice.
OSF MAKES NO WARRANTY OF ANY KIND WITH REGARD TO THIS MATERIAL, INCLUDING BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

OSF shall not be liable for errors contained herein, or for any direct or indirect, incidental, special or consequential damages in connection with the furnishing, performance, or use of this material.

Copyright © 1993, 1994 Open Software Foundation, Inc.

This documentation and the software to which it relates are derived in part from materials supplied by the following:

© Copyright 1990, 1991 Digital Equipment Corporation
© Copyright 1990, 1991 Hewlett-Packard Company
© Copyright 1989, 1990, 1991 Transarc Corporation
© Copyright 1990, 1991 Siemens Nixdorf Informationssysteme AG
© Copyright 1990, 1991 International Business Machines Corporation
© Copyright 1988, 1989 Massachusetts Institute of Technology
© Copyright 1988, 1989 The Regents of the University of California

Bibliography

This bibliography provides a list of additional publications that are helpful when using the z/OS Distributed File Service.

Distributed File Service Publications

- *z/OS: Distributed File Service DFS Administration*, SC24-5915
- *z/OS: Distributed File Service SMB Administration*, SC24-5918
- *z/OS: Distributed File Service Customization*, SC24-5916
- *z/OS: Distributed File Service zSeries File System Administration*

DCE Publications

- *z/OS: DCE Introduction*, GC24-5911
- *z/OS: DCE Planning*, GC24-5913
- *z/OS: DCE Configuring and Getting Started*, SC24-5910

- *z/OS: DCE Administration Guide*, SC24-5904
- *z/OS: DCE Command Reference*, SC24-5909
- *z/OS: DCE User's Guide*, SC24-5914
- *z/OS: DCE Application Development Guide: Introduction and Style*, SC24-5907
- *z/OS: DCE Application Development Guide: Core Components*, SC24-5905
- *z/OS: DCE Application Development Guide: Directory Services*, SC24-5906
- *z/OS: DCE Application Development Reference*, SC24-5908
- *z/OS: DCE Messages and Codes*, SC24-5912

UNIX System Services Publications

- *z/OS: UNIX System Services Programming: Assembler Callable Services Reference*, SA22-7803
- *z/OS: UNIX System Services Messages and Codes*, SA22-7807

IBM®

Program Number: 5694-A01, 5655-G52

Printed in U.S.A.